Okanagan College transforms lives and communities. We educate, train and support our students to excel in the workplace, to succeed in further education and to become lifelong learners.
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OKANAGAN COLLEGE

Okanagan College transforms lives and communities. We engage, lead and serve through:

- A high quality educational experience for our learners.
- An environment that supports employees and encourages personal and professional growth.
- Collaborative relationships that are responsive to our communities.

With a rich history that dates back more than five decades, Okanagan College is British Columbia’s largest public post-secondary college east of the lower Mainland. Okanagan College offers students a variety of programs at four unique campuses in the interior of the province including: Penticton, Kelowna, Vernon and Salmon Arm.

There are a number of reasons to choose Okanagan College. From the stunning locations of our campuses to the strong ties our college shares with industry -- to program development that meets the needs of a changing economy and personal interaction with professors -- Okanagan College works for students.
REGIONS

The Okanagan College Region is defined as the area consisting of the following school districts:

School District #19 Revelstoke
School District #22 Vernon
School District #23 Central Okanagan
School District #53 Okanagan-Similkameen
School District #58 Nicola Similkameen (excluding Merritt)
School District #67 Okanagan Skaha
School District #83 North Okanagan-Shuswap

Shuswap Revelstoke Region

Salmon Arm Campus

2552 10 Ave NE (Trans Canada Hwy)
Salmon Arm, B.C.  V1E 2S4
Tel: (250) 832-2126
Toll free: 1-888-831-0341

Revelstoke Continuing Education Centre

Box 3118
1401 - 1st Street West
Revelstoke, B.C.  VOE 2S0
Tel: (250) 837-4235

South Okanagan Similkameen Region

Penticton Campus

583 Duncan Ave. West
Penticton, B.C.  V2A 8E1
Tel: (250) 492-4305
Toll free: 1-866-510-8899

Oliver Continuing Education Centre

Box 1799
9315-350 Avenue
Oliver, B.C.  V0H 1T0
Tel: (250) 498-6264

Summerland Continuing Education Centre

Box 1224
13211 Henry Avenue
Summerland, B.C.  V0H 1Z0
Tel: (250) 494-1300

North Okanagan Region

Kalamalka (Vernon) Campus

7000 College Way
Vernon, B.C.  V1B 2N5
Tel: (250) 545-7291
Toll free: 1-800-289-8993

Central Okanagan Region

Kelowna Campus

1000 KLO Road
Kelowna, B.C.  V1Y 4X8
Tel: (250) 762-5445
Toll free: 1-877-755-2266

Current as of July 5, 2021
IMPORTANT DATES

Semester Schedules, Program Start and End Dates and Campus Closures

Visit www.okanagan.bc.ca/dates

Application and Admissions Dates

- Some programs have specific dates or deadlines by which applications must be received (Nursing, Dental and Business). You must submit your application by the date indicated to ensure that you are considered for the first round of admission offers. For applications received after that date, offers of admission will only be issued if space is available.
- On the first business day in October each year Okanagan College begins accepting applications for academic programs (Arts, Science, Engineering Technologies, Computer Information Systems) for the following fall.
- Many other programs also begin accepting applications on the first business day in October for all intakes throughout the subsequent 10 months (Entry-Level Trades Foundation programs, Health programs other than those listed above.)
- You may apply online starting the first business day in October for Continuing Studies certificate programs.

Most programs accept applications up to the program start. Some programs have multiple start dates throughout the year.

All applicants are urged to apply as early as possible.

Response Time
Okanagan College will strive to respond to your application within 2 - 3 business days. However, during busy times of the year, please allow for up to 10 business days for a response.

Distance Education
Distance Education courses begin in September, January, and May. Distance Education students who plan to take courses by distance in subsequent semesters do not need to reapply for admission provided there is no break in study.

Registration Dates

Please see: www.okanagan.bc.ca/dates

Fee Payment Deadlines

For programs with courses that start at the beginning of a semester, your account must be paid in full by the fee payment deadline below. If you add or change courses after the fee payment deadline resulting in additional charges to your account, you are required to pay all fees at the time of registration.

For programs that do not start at the beginning of the fall or winter semester, fees are due no later than one week before classes begin.

For trades and vocational programs that are 13 weeks or shorter in length, fees are due upon admission to the program.

For distance education and Adult Basic Education (AACP) courses, fees are due at the time of registration.

Fall 2021:
August 17, 2021

Winter 2022:
December 14, 2021

Summer Sessions I and II 2022:
April 19, 2022

Please also see: www.okanagan.bc.ca/feepayment.
ADMISSIONS

Early application for all programs is strongly advised.

Okanagan College may cease to accept applications for a given intake or program if the number of applications submitted greatly exceeds enrolment capacity. Notice of these program closures will be posted on the Okanagan College website.

Okanagan College is a multi-campus institution, and many programs are offered at more than one campus. However, not all programs are offered at all campuses.

How to Apply

Use the online application form at www.okanagan.bc.ca/apply. If you are unable to submit an application online, Okanagan College will accept paper applications with the $30 non-refundable application fee. You can apply for up to three programs per application session for your $30 application fee ($100 for International applicants.)

While online submission of your application greatly speeds the processing of the application, how you submit your application is not a factor in determining your admissibility.

You may visit any of the campuses or regional centres of Okanagan College to submit your application. Assistance is available to help you use the online application process.

A returning student will not be assessed an application fee provided the student is continuing in the same program and has not missed more than one semester (summer session is excluded). If you are admitted to more than one program, you will be required to accept only one offer of admission.

Failure to list and provide transcripts from all institutions you attended on your application may be considered an intentional omission and will lead to the cancellation of your application for admission or withdrawal of your offer of admission.

When to Apply

Please see Important Dates.

Transcripts

As an applicant, you must ensure that official sealed transcripts are submitted for all institutions attended other than Okanagan College. Transcripts must have been issued within the previous six months. Current and past Okanagan College students and Okanagan University College students are not required to submit Okanagan College or Okanagan University College transcripts.

Applicants submitting post-secondary transcripts from within Canada but outside B.C. will be required to submit a $50 transcript evaluation fee per transcript. The evaluation fee for International transcripts is $150 per transcript. (This fee is in addition to the application fee.)

Failure to list and provide transcripts from all institutions you attended on your application may be considered an intentional omission and will lead to the cancellation of your application for admission or withdrawal of your offer of admission.

Applicants

Applicants must satisfy all general and program-specific admission requirements.

Regular Applicants: Regular applicants have secondary graduation (or equivalent) or are currently enrolled in Grade 12.

Mature Applicants: Mature applicants are at least 19 years of age and have been out of full-time secondary school for at least one year prior to commencement in their program. Grade 12 graduation is not required (unless specified), but the applicant must satisfy all general and program-specific admission requirements.

Transfer Student: The applicant is currently attending or has most recently attended another accredited post-secondary institution in a transferable program. The applicant must satisfy all general and program-specific admission requirements.

Unclassified Student: Courses completed as an Unclassified Student are not intended to lead to a particular degree or diploma. No transfer credit will be awarded by Okanagan College. Enrollment in courses is subject to availability of space, completion of prerequisites or faculty permission. Department permission is required for students enrolling in 300/400 level courses. Admission to the College as an Unclassified Student does not guarantee admission to any subsequent program.
Visiting Student: A Visiting Student at Okanagan College is a student who is currently undertaking a program of degree completion at another accredited post-secondary institution. No transfer credit will be awarded by Okanagan College. Students are admitted based on a Letter of Permission from the home institution and are permitted to register in specific Okanagan College courses as listed in the Letter of Permission.

The Letter of Permission must state the session and year for which it is valid and is valid for one academic year only. If subsequent sessions are required, a new Letter of Permission must be submitted. Registration in courses is subject to availability of space, approval from the home institution, and proof of satisfying all course prerequisites.

General Admission Requirements - All Applicants

Document Requirements

Applicants are required to submit the following documents with their applications:

Provincial Education Number (PEN): All applicants who are currently enrolled in or have completed Grade 12 in British Columbia or Yukon must submit their nine-digit provincial education number.

Transcript: Official (i.e. sealed and unopened) transcripts must be submitted for all secondary and post-secondary schools. These transcripts must have been issued within the past six months.

Applicants from outside Canada, or whose documents are not in English: see our International Student information.

Transcripts and other documents submitted become the property of Okanagan College and will be returned to the student only upon written request. In this event, true copies of non-replaceable documents will be made by Okanagan College and the original documents returned.

Failure to list and provide transcripts from all institutions you attended on your application may be considered an intentional omission and will lead to the cancellation of your application for admission or withdrawal of your offer of admission.

Sponsorship Letters: All students who are sponsored must submit a letter outlining what specifically is covered under the sponsorship and authorizing their sponsorship before registration.

Citizenship and Immigration Requirements

Applicants must satisfy one of the following citizenship or immigration requirements for admission:

- be a citizen of Canada, or
- hold status as a permanent resident (landed immigrant), or
- hold a valid study permit issued by a Canada Immigration Centre, proof of which must be submitted, or
- hold a valid visitor's permit and intend to study in Canada for six months or less.

Age Requirement

Adult Academic and Career Preparation Programs (Adult Basic Education): Applicants must be at least 19 years of age, or have been out of the public school system for at least 12 months and be at least 18 years of age, or have completed grade 12.

Any applicant not meeting these requirements must be recommended for admission by a Secondary School Principal or Counsellor and be referred to the Adult Academic and Career Preparation Underage Committee of the campus which the applicant wishes to attend. The Committee will interview the applicant, who will be admitted only if approved by the Committee and space is available.

Baccalaureate Degree, Associate Degree, Diploma programs and Health and Social Development Programs: Applicants must be 18 years of age or a British Columbia Secondary School graduate or equivalent. Some programs may set higher age requirements.

Vocational and Trades: Applicants must be at least 16 years of age. Some programs may set higher age requirements. Okanagan College reserves the right to determine whether an underage student will be permitted to enrol.

English Requirements

English is the language of instruction and communication at Okanagan College. All applicants, including Canadian citizens, whose native or primary language is other than English, must demonstrate a command of English sufficient to meet the demands of classroom instruction and written assignments.

See individual program listings for specific English requirements.
Academic Requirements

See individual program listings for detailed requirements.

All applicants must:

- submit proof of having satisfied all admission requirements of the program to which admission is sought, or
- submit proof of enrolment in a course or program of studies which, if successfully completed by June 30th, will satisfy all admission requirements for a program starting in September, or
- for programs with a start date other than September, submit proof of enrolment in a course or program of studies which, if successfully completed by the date specified by the Admissions Office, will satisfy all admission requirements to the program.

Entrance Testing

Testing times and dates are available at the Learning Centre in Kelowna or Regional Campus counselling offices.

Language Proficiency Index (LPI): Students may write the LPI to satisfy the English academic admission requirement for some Okanagan College programs. Please refer to the program listing for specific English requirements.

Information on how to register to write the LPI, and dates and locations for the LPI sittings are available online. Results must be submitted no later than July 31 for admission to programs starting in September.

Applicants outside B.C. can call the LPI office at (604) 822-9144 or visit their website.

The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

English testing for International Students: see Okanagan College International or see below.

ABLE Math and English Diagnostic Test:
Satisfactory standing in basic math and reading tests is required for entrance to all Entry Level Training (Trades) programs. Please see individual program listing.

Adult Academic and Career Preparation Skills Assessment: Applicants wishing to enter some Adult Academic and Career Preparation (Adult Basic Education) courses may be required to complete a skills assessment test if they do not meet specific course prerequisites or to determine the level which would best suit their needs. Assessment dates and times are available at the Registrar's Office or campus offices. See Adult Academic and Career Preparation programs for more information.

Mathematics Diagnostic Test: Any person requesting admission to the following programs (see chart below), must demonstrate proficiency in the indicated area of Mathematics. The indicated diagnostic test may be used to satisfy the math admission requirement.

Program Specific Tests and Passing Scores:

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<tr>
<td>Associate of Science Degree</td>
<td>Calculus Readiness Test</td>
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<tr>
<td>Bachelor of Business Administration</td>
<td>Math Diagnostic Test</td>
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<tr>
<td>Bachelor of Computer Information Systems</td>
<td>Mathematics 11 Proficiency Test or Mathematics 12 Proficiency Test 70%</td>
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<tr>
<td>Business Administration Diploma</td>
<td>Math Diagnostic Test</td>
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<tr>
<td>Civil Engineering Technology Diploma</td>
<td>Math 11 Challenge Exam</td>
</tr>
<tr>
<td>Commercial Aviation Diploma</td>
<td>Math Diagnostic Test</td>
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<tr>
<td>Computer Information Systems Diploma</td>
<td>Mathematics 11 Proficiency Test or Mathematics 12 Proficiency Test 70%</td>
</tr>
<tr>
<td>Electronic Engineering Technology Diploma</td>
<td>Math 11 Challenge Exam</td>
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70%

**Mechanical Engineering Technology Diploma**
Math 12 Challenge Exam
70%

**Network and Telecommunications Engineering Technology Diploma**
Math 11 Challenge Exam
70%

**Sustainable Construction Management Technology Diploma**
Math 11 Challenge Exam
70%

**Trades Technology Teacher Education Diploma**
Math 11 Challenge Exam
64%

**Water Engineering Technology Diploma**
Math 11 Challenge Exam
85%

**Applicants Whose First Language Is Not English**

Applicants to diploma, degree and certificate programs whose first language is not English must submit documentation of one of the following:

- A TOEFL score of at least 550 (paper-based), 213 (computer-based), or 79 (Internet-based).
- An overall IELTS (academic) band score of 6.5 with no band below 6.0 for admission to the Bachelor of Business Administration program or a band score of 6.0 with no band below 6.0 for admission to most other programs.
- A PTE (academic) combined score of 58 with no skill score below 55 for admission to the Bachelor of Business Administration program or a combined score of 56 with no band below 55 for admission to most other programs.
- For the Fall 2020 and Winter 2021 terms, a Duolingo English Test score of 110 for admission to the Bachelor of Business Administration program or a score of 105 for admission to most other programs.
- A score exceeding level 4 on the Okanagan College English Language Assessment (OCELA).

- A minimum grade of 70% in each EAPD 040, EAPW 040 and EAPR 040 for admission to the Bachelor of Business Administration program or a minimum grade of 60% in EAPD 040, EAPW 040 and EAPR 040 for admission to most other programs.
- A minimum grade of 70% in B.C. secondary school English 12 or its equivalent for the Bachelor of Business Administration program or a minimum grade of 60% for most other programs.
- A transcript showing completion of an English literature or composition course at a recognized university or college in Canada with a minimum grade of 50%.
- A minimum score of level 5 on the Language Proficiency Index test (available only in BC) for the Bachelor of Business Administration program or level 4 for most diploma and certificate programs.

Applicants who have successfully completed a diploma or degree from an accredited institution at which English is the language of instruction may submit their academic transcript for review by Okanagan College. Subject to verification, this diploma or degree may be used to meet the English requirement for admission to Okanagan College.

Documentation of English language proficiency should be sent directly to interact@okanagan.bc.ca or ideally be submitted with the online application.

In addition to English, all students must meet program specific prerequisites.

See more at **English and Alternatives**.

**Admission Procedures**

Students continuing their studies from one semester to the next need not apply for readmission. Each semester students must, however, register and pay fees for the courses in which they wish to enrol.

Students changing their program (e.g. from AACP to an Associate of Arts, or from ESL to Business) need to submit a new Application for Admission.

**Returning students:** Arts, Science, Business Administration, Adult Basic Education and ESL programs: Students returning to resume studies in these programs after an absence of four or more
semesters are required to submit an Application for Admission before the beginning of the semester in which they wish to enrol. Applicants must satisfy all program requirements prior to admission.

Commercial Aviation, Engineering Technologies, Health and Social Development Diploma programs: Students returning to resume studies after an absence of one or more semesters are required to submit an Application for Admission before the beginning of the semester in which they wish to enroll. Applicants are strongly advised to apply early as these programs have limited entry. Applicants must satisfy all program requirements prior to admission.

Aboriginal applicants: Canadian Aboriginal applicants are encouraged to declare that they are of Aboriginal ancestry within the meaning of the Constitution Act of 1982. This information will allow access to activities and services designated for Aboriginal students. Further information may be requested from: Student Services - Aboriginal Programs and Services or call (250) 762-5445.

Offers of Admission

Okanagan College will, for any given program, normally make several rounds of admission offers until the program has been filled. The offer of admission sent to an applicant by the Office of the Registrar will indicate a response deadline by which the applicant must notify Okanagan College of their decision to accept the offer of admission. Acceptance of an offer of admission must be accompanied by payment of a non-refundable, non-transferable offer acceptance tuition deposit. This payment will be fully applied toward payment of the student's assessed tuition fees.

Some programs have a second deposit, which must be paid to retain the seat in the program. The second deposit will be fully applied toward payment of the student's assessed tuition fees.

By accepting the offer of admission and paying the non-refundable, non-transferable offer acceptance tuition deposit - and second deposit if applicable - by the deadline(s), the applicant will be assured of a seat in the program, and will be block registered into the appropriate courses, or will be given a registration time to register in courses, depending on their program.

Applicants who decide to accept an offer of admission after the deadline date indicated in their offer of admission will be granted admission to the program subject to the availability of space in the program.

Transfer Credit Requests

Transfer credit may be granted for a course(s) taken at an accredited post-secondary institution recognized by the College provided that the course grade is at least 50% and provided that an equivalent Okanagan College course exists. General or unassigned credit may be granted, at the discretion of the department, in the event that no equivalent Okanagan College course exists. Okanagan College reserves the right to deny transfer credit for courses completed 10 or more years before the date of application.

Transfer credit will only be evaluated after students accept their Offer of Admission. Unfortunately, Okanagan College is unable to assess credits earned elsewhere until students are admitted into an Okanagan College program. Please visit www.bctransferguide.ca for additional information about transfer credits.

The deadlines for requesting transfer credit are:

- July 15 for the Fall semester
- November 15 for the Winter semester
- March 15 for the Summer semester

To apply for transfer credit, students must submit a Transfer Credit Request in person, by mail or by fax along with an official (signed and sealed) transcript issued within the past six months. If applicable, the evaluation fee for transcripts from post-secondary institutions outside of B.C. must be included:

**Fees**

- Transcripts from B.C. Post-secondary institutions: no fee required.
- Transcripts outside of B.C. (within Canada): $50 per transcript.
- International transcripts: $150 per transcript.

**Note**

Not all courses carry credit in all programs. Transfer Credit may be re-assessed upon application to another program. Courses to be considered must have been successfully completed at an accredited post-secondary institution. Detailed course outlines may be requested. If you receive transfer credit for a course which duplicates current enrolment, it is your responsibility to withdraw from the course.
Advanced Placement

Biology
Minimum Grade Required: 4
Transferability: Credit for BIOL 111 and BIOL 121 or BIOL 112 and BIOL 122

Chemistry
Minimum Grade Required: 4
Transferability: Credit for CHEM 111 and CHEM 121 or CHEM 112 and CHEM 122

Computer Science A
Minimum Grade Required: 4
Transferability: Credit for COSC 111

Microeconomics
Minimum Grade Required: 4
Transferability: Credit for ECON 115

Macroeconomics
Minimum Grade Required: 4
Transferability: Credit for ECON 125

English Language and Composition
Minimum Grade Required: 4
Transferability: Credit for ENGL 100

English Literature and Composition
Minimum Grade Required: 4
Transferability: Credit for ENGL 151

Environmental Science
no credit

French Language
Minimum Grade Required: 4
Transferability: Credit for FREN 112 and FREN 122

History
Minimum Grade Required: 4 on the AP European history course
Transferability: Credit for HIST 116 and HIST 126

Minimum Grade Required: 4 on the AP USA history course
Transferability: Credit for HIST 211 and HIST 221

Mathematics
Minimum Grade Required: 4 in Calculus AB
Transferability: Credit for MATH 112
Minimum Grade Required: 4 in Calculus BC
Transferability: Credit for MATH 112 and MATH 122

Physics
Minimum Grade Required: 4 in Physics 1 and Physics 2
Transferability: Credit for PHYS 112 and PHYS 122
Minimum Grade Required: 4 in Physics 1
Transferability: Credit for PHYS 121
Minimum Grade Required: 4 in Physics 2
Transferability: Credit for PHYS 1st

Psychology
Minimum Grade Required: 4
Transferability: Credit for PSYC 111 and PSYC 121

International Baccalaureate

Okanagan College may give credit for International Baccalaureate (IB) programs. Transfer Credit for IB coursework will be assessed on an individual basis. We require an official IB transcript to be sent directly to us. Talk to your high school or you may order an IB transcript through the International Baccalaureate Organization. To apply for transfer credit, please submit a Transfer Credit Request in person, by mail or by fax.

* Students should contact Education Advising for more information. Students planning to transfer to a university at a later date should also contact the university of their choice.
**General Certificate of Secondary Education (GCSE) A-Level Courses Transfer Credit**

Students who have completed GCSE A-Level courses may be granted transfer credit for diploma or degree courses numbered 100 level or higher at Okanagan College.

Transfer credit will be granted for GCSE A-Level courses recognized by Okanagan College, provided that the course grade is at least a "C." General or unassigned credit may be granted, at the discretion of the department, in the event that no equivalent Okanagan College course exists. The granting of credit for a transfer course does not guarantee that it will meet particular program requirements.

**Prior Learning Assessment**

Prior Learning Assessment (PLA) is assessment carried out by a qualified specialist to determine what has been learned through non-formal education, training, or experience. The purpose of the assessment is to determine what prior learning is worthy of credit in a course or program offered by the accrediting institution.

PLA is available for some courses in the following areas: Administrative Assistant Certificate, Health Care Assistant, Culinary Arts, Business Administration, Continuing Studies, Computer Science, Early Childhood Education and Sustainable Construction Management Technology.

Please contact the chair of the department to determine which courses are available for PLA.

Students with PLA credit from Okanagan College who are planning to transfer to another institution, should confirm with the other institution the acceptance of the credit.

**PLA policy guidelines:**

- Learners may receive credit for demonstrated knowledge, skills and attributes that are verifiable, current, and consistent with programs and courses offered at Okanagan College.
- PLA candidates must first be admitted to the program, faculty, or department to which they seek credit in accordance with Okanagan College policies and procedures. General Okanagan College admission requirements will be applied.
- The appropriateness of PLA within individual departments shall be determined by the respective department.
- The appropriate assessment techniques will be determined by the department.
- Determination of acceptance of PLA credits from other institutions will be at the discretion of the department.
- The assessment and assignment of PLA credit will be determined by a content specialist identified by the department.
- The department will have the discretion to assign PLA credit with or without a grade. Assessment of a grade, where assigned, will be determined by the content specialist identified by the department.
- PLA credits and/or grades, as determined and recommended by the content specialist, are subject to appeal by the student in accordance with Okanagan College policies and procedures.
- Fees for PLA will be based on the services to be performed.
- The maximum number of credits awarded through PLA will be 50% of the credits or work required for a given degree, associate degree, diploma or certificate.
- Student transcripts shall identify credits granted through the process of PLA.

**Student fees for Prior Learning Assessment:**

**Challenge Exam:** 50% of the regular course fee

**Portfolio Assessment:**

- Without a workplace-based assessment: 75% of the regular course fee
- With a workplace-based assessment: 100% of the regular course fee

**Note:** Students will not be charged additional fees for prior learning assessment(s) if they are required to enrol and pay for a complete program and if they wish to use prior learning assessment for one or more courses/modules within the program.
ENGLISH and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

ENGLISH 12 with minimum 70% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

Secondary School Level Courses British Columbia, Yukon

English 12\(^1\) 70%

English Studies 12 70%

Literary Studies 12 70%

Bachelor of Science in Nursing Years 1 and 2: maybe be included in the overall Grade 11 and 12 average but cannot replace English 12 or English Studies 12 or English 12 First Peoples or English First Peoples 12. Not accepted for Practical Nursing Diploma

English Literature 12

Bachelor of Science in Nursing Years 1 and 2: maybe be included in the overall Grade 11 and 12 average but cannot replace English 12 or English Studies 12 or English 12 First Peoples or English First Peoples 12. Not accepted for Practical Nursing Diploma

English 12 First Peoples\(^1\) 70%

English First Peoples 12 70%

Provincial Level Adult Basic Education English course equivalent 70%

Note: Communications 12 is not accepted

Secondary School Level Courses Canada and Other

Alberta, Northwest Territories, Nunavut: English Language Arts 30-1 or English 30 70%

Saskatchewan: English 621A + Writing 521A or English Language Arts A30 + B30 or English A30 + B30 (averaged) 70%

Manitoba: ENG 42A1 or ENG 42A2 or ENG 42A IB or ENG 42S IB or any compulsory 40S English course or E40S CMP FOC 70%

Ontario: English 12 (ENG4U or ENG4M) 70%
Quebec: 2 English Literature courses in 601 series 70%

New Brunswick: English 121 or English 122 or Anglais 126B 70%

Prince Edward Island: English 611 or English 621 70%

Nova Scotia: English 441 or English 442 or English 541 or English 12 70%

Newfoundland & Labrador: English 3201 70%

International Baccalaureate (IB) English A1 or A2 (higher-level 5 or standard-level)

Advanced Placement (AP) English Language & Composition or English Literature & Composition 4

Okanagan College Adult Basic Education ENGL 012 70%

Okanagan College 100-level ENGL course 50% (65% for Bachelor of Science in Nursing Years 1 and 2)

OCELA (Okanagan College English Language Assessment) Not accepted as a means to meet the English admissions requirement for: Bachelor of Science in Nursing Year 1 and 2 Practical Nursing Diploma

This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.

Okanagan College English for Academic Purposes: EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4) Not accepted as a means to meet the English admissions requirement for: Bachelor of Science in Nursing Year 1 and 2 Practical Nursing Diploma

70% in each Language Tests

International English Language Testing System (IELTS - academic version) Overall band score of 6.5 (with no band less than 6.0)

Note that the Practical Nursing Diploma requires an overall band score of 7.0 with at least 7.0 in Speaking, 7.5 in Listening, 6.5 in Reading and 7.0 in Writing

*Language Proficiency Index (LPI) – Essay Score

30/40 - Level 5

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College's admission requirements for Applicants Whose First Language is not English. (This does not apply to applicants to Bachelor of Science in Nursing (Years 1 and 2) and Practical Nursing.)
The indicated LPI score is only accepted in combination with an ENGL 12 grade between 50 and 69%.

Test of English as a Foreign Language (TOEFL)\(^2\) Not accepted as a means to meet the English admissions requirement for:
- Bachelor of Science in Nursing Year 1 and 2
- Practical Nursing Diploma

Canadian Academic English Language (CAEL online or CAEL CE) Not accepted as a means to meet the English admissions requirement for:
- Bachelor of Science in Nursing Year 1 and 2
- Practical Nursing Diploma

Canadian English Language Benchmarks Assessment for Nurses (CELAN) Accepted for Practical Nursing Diploma

Pearson Test English (Academic) Not accepted as a means to meet the English admissions requirement for:
- Bachelor of Science in Nursing Year 1 and 2
- Practical Nursing Diploma

Duolingo English Test
For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement.

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Three credits (or the equivalent) of post-secondary first-year English literature or composition course at an accredited university.

Overall score 70

Overall score 79 (Internet-based), or 213 (computer-based), or 550 (paper-based)

Overall score 58

Overall score 8.0, Listening 10.0, Reading 8.0, Writing 7.0

No Communicative Skills score lower than 55

Overall score 110

Recognized Bachelor degree program at an accredited university at which applicants who have successfully completed a degree from an accredited institution submitted their academic transcript for review by Okanagan College.

Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

\(^1\) Provincial Examinations: The blended grade (school mark and provincial exam result combined) will be used in determining if the admission requirement has been satisfied.

\(^2\) Okanagan College's institution code for the Test of English as a Foreign Language.
Language (TOEFL) is 9536.

Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

ENGLISH 12 with minimum 67% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

Secondary School Level Courses British Columbia, Yukon

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 12</td>
<td>67%</td>
</tr>
<tr>
<td>English Studies 12</td>
<td>67%</td>
</tr>
<tr>
<td>English Literature 12</td>
<td>67%</td>
</tr>
<tr>
<td>Literary Studies 12</td>
<td>67%</td>
</tr>
<tr>
<td>English 12 First Peoples</td>
<td>67%</td>
</tr>
</tbody>
</table>

Provincial Level Adult Basic Education English course equivalent 67%

Secondary School Level Courses Canada and Other

<table>
<thead>
<tr>
<th>Province</th>
<th>Course Description</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alberta, Northwest Territories, Nunavut</td>
<td>English Language Arts 30-1 or English 30</td>
<td>67%</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>English 621A + Writing 521A or English Language Arts A30 + B30 or English A30 + B30 (averaged)</td>
<td>67%</td>
</tr>
<tr>
<td>Manitoba</td>
<td>ENG 42A1 or ENG 42A2 or ENG 42A IB or ENG 42S IB or any compulsory 40S English course or E40S CMP FOC</td>
<td>67%</td>
</tr>
<tr>
<td>Ontario</td>
<td>English 12 (ENG4U or ENG4M)</td>
<td>67%</td>
</tr>
<tr>
<td>Quebec</td>
<td>2 English Literature courses in 601 series</td>
<td>67%</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>English 121 or English 122 or Anglais 126B</td>
<td>67%</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>English 611 or English 621</td>
<td>67%</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>English 441 or English 442 or English 541 or English 12</td>
<td>67%</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>English 3201</td>
<td>67%</td>
</tr>
</tbody>
</table>

Note: Communications 12 is not accepted.
International Baccalaureate (IB)
English A1 or A2 (higher-level or standard-level) 4

Advanced Placement (AP)
English Language & Composition or English Literature & Composition 4

O-level, AS-Level, A-Level, GCSE, IGCSE English Language or Literature course

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College’s admission requirements for Applicants Whose First Language is not English.

Okanagan College Courses and Tests

Okanagan College Adult Basic Education ENGL 012 67%

Okanagan College 100-level ENGL course 50%

OCELA (Okanagan College English Language Assessment)
This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.

Okanagan College English for Academic Purposes:
EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)

Language Tests

International English Language Testing System (IELTS - academic version)
Note: Pharmacy Technician Certificate requires an overall band score of 6.5 on the academic version

Overall band score of 6.0 (with no band less than 6.0)

*Language Proficiency Index (LPI) – Essay Score 26/40 - Level 4

Test of English as a Foreign Language (TOEFL)²
Note: Pharmacy Technician Certificate requires a score of at least 91 (Internet-based)

79 (Internet-based), or 213 (computer-based), or 550 (paper-based)

Canadian Academic English Language (CAEL online or CAEL CE)

Overall score 67

Pearson Test English (Academic)

Overall score 58

No Communicative Skills score lower than 55

Duolingo English Test
For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language requirement.

Overall score 105

Note: Early Childhood Education Diploma requires an overall score of 110
proficiency entrance requirements and for preliminary English Language placement. Not accepted as a means to meet the English admissions requirement for some of the Health programs. Please check with the College for details.

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

*The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

University Level Courses & Credentials

Minimum:

- English literature or composition course at an accredited university or college in Canada
  
  50%

- Three credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country
  
  50%

- Recognized Bachelor degree program at an accredited university at which English is the primary language of instruction in a country where English is the principal language

Graduation

ENGLISH 12 with minimum 60% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions

1 Provincial Examinations: The blended grade (school mark and provincial exam result combined) will be used in determining if the admission requirement has been satisfied.

2 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

3 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe
requirements for the level of English required.

**Secondary School Level Courses British Columbia, Yukon**

**Minimum:**

- English 12
- English Studies 12
- English Literature 12
- Literary Studies 12
- English 12 First Peoples
- Provincial Level Adult Basic Education English course equivalent

**Note:** Communications 12 is not accepted

**Secondary School Level Courses Canada and Other**

**Minimum:**

- Alberta, Northwest Territories, Nunavut: English Language Arts 60% 30-1 or English 30
- Saskatchewan: English 621A + Writing 521A or English Language Arts A30 + B30 or English A30 + B30 (averaged)
- Manitoba: ENG 42A1 or ENG 42A2 or ENG 42A IB or ENG 42S IB or any compulsory 40S English course or E40S CMP FOC
- Ontario: English 12 (ENG4U or ENG4M)

**Quebec:** 2 English Literature courses in 601 series 60%

**New Brunswick:** English 121 or English 122 or Anglais 126B 60%

**Prince Edward Island:** English 611 or English 621 60%

**Nova Scotia:** English 441 or English 442 or English 541 or English 12

**Newfoundland & Labrador:** English 3201 60%

International Baccalaureate (IB)
- English A1 or A2 (higher-level or standard-level) 4

Advanced Placement (AP)
- English Language & Composition or English Literature & Composition 3

O-level, AS-Level, A-Level, GCSE, IGCSE English Language or Literature course C

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College's admission requirements for [Applicants Whose First Language is not English](#).
Okanagan College Adult Basic Education ENGL 012  60%
Okanagan College 100-level ENGL course  50%
OCELA (Okanagan College English Language Assessment)
This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.
Okanagan College English for Academic Purposes:
EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)  60% in each

Language Tests

International English Language Testing System (IELTS - academic version)
Pharmacy Technician must have an overall band score of 6.5

*Language Proficiency Index (LPI) – Essay Score
Not accepted as a means to meet the English admissions requirement for:
Pharmacy Technician Certificate

Test of English as a Foreign Language (TOEFL)²
Pharmacy Technician only accepts a 91 (Internet-based) or higher.
Not accepted as a means to meet the English admissions requirement for:
Bachelor of Science in Nursing

Year 1 and 2
Practical Nursing Diploma

Canadian Academic English Language (CAEL online or CAEL CE)
Not accepted as a means to meet the English admissions requirement for:
Pharmacy Technician Certificate

Overall score 60

Overall score 56

Not accepted as a means to meet the English admissions requirement for:
Pharmacy Technician Certificate

Overall score 60

No
Communicative Skills score lower than 55

Duolingo English Test
For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement.
Not accepted as a means to meet the English admissions requirement for some of the Health programs. Please check with the College for details.

Overall score 105

Overall score 56

No
Communicative Skills score lower than 55

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

*The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are
available. Please consult academic entrance requirements.

University Level Courses & Credentials Minimum:

English literature or composition course at an accredited university or college in Canada 50%

Three credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country 50%

Recognized Bachelor degree program at an accredited university at which English is the primary language of instruction in a country where English is the principal language.

Applicants who have successfully completed a degree from an accredited institution at which English is the language of instruction in a country where English is not the principal language may submit their academic transcript for review by Okanagan College. Subject to verification, this degree may be used to meet the English requirement for admission to Okanagan College.

Graduation Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

1 Provincial Examinations: The blended grade (school mark and provincial exam result combined) will be used in determining if the admission requirement has been satisfied.

2 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

3 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

ENGLISH 12 with minimum 50% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

Secondary School Level Courses British Columbia, Yukon Minimum:

English 12 50%

English Studies 12 50%

English Literature 12 50%

Literary Studies 12 50%

English 12 First Peoples 50%
Provincial Level Adult Basic Education English course equivalent 50%

Note: Communications 12 is not accepted except for the Electrician Pre-Apprenticeship program for the 2021-22 academic year.

Secondary School Level Courses Canada and Other Minimum:

Alberta, NWT, Nunavut: English Language Arts 30-1 or English 30 50%

Saskatchewan: English 621A + Writing 521A or English Language Arts A30 + B30 or English A30 + B30 (averaged) 50%

Manitoba: ENG 42A1 or ENG 42A2 or ENG 42A IB or ENG 42S IB or any compulsory 40S English course or E40S CMP FOC 50%

Ontario: English 12 (ENG4U or ENG4M) 50%

Quebec: 2 English Literature courses in 601 series 50%

New Brunswick: English 121 or English 122 or Anglais 126B 50%

Prince Edward Island: English 611 or English 621 50%

Nova Scotia: English 441 or English 442 or English 541 or English 12 50%

Newfoundland & Labrador: English 3201 50%

International Baccalaureate (IB) English A1 or A2 (higher-level or standard-level) 4

Advanced Placement (AP) English Language & Composition or English Literature & Composition 3

O-level, AS-Level, A-Level, GCSE, IGCSE English Language or Literature course

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College's admission requirements for Applicants Whose First Language is not English.

Okanagan College Courses and Tests Minimum:

Okanagan College Adult Basic Education ENGL 012 60%

Okanagan College 100-level ENGL course 50%

OCELA (Okanagan College English Language Assessment) 75 in each: Writing, Reading & Discussion

This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.

Okanagan College English for Academic Purposes: EAPD 040 (Academic Discussion Skills 4) and 60% in each
EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)

Trades Entrance Assessment (TEA) reading comprehension 88%

Note: The TEA test can only be used to satisfy the English admission requirement for Trades programs.

Language Tests

International English Language Testing System (IELTS - academic version)

Note: The Animation Diploma requires an IELTS score of 6.5 with no band lower than 6.0

Test of English as a Foreign Language (TOEFL)

Note: The Animation Diploma requires the following TOEFL scores: 83 (Internet-based), or 220 (computer-based), or 550 (paper-based)

*Language Proficiency Index (LPI) – Essay Score 24/40 - Level 4

Test of English as a Foreign Language (TOEFL)

Note: The Animation Diploma requires the following TOEFL scores: 83 (Internet-based), or 220 (computer-based), or 550 (paper-based)

Only accepted for the Animation Diploma:
English Language Assessment Test (ELA)
Contact: Vancouver Community College http://assessments.vcc.ca/145

University Level Courses & Credentials

Minimum:

English literature or composition course at an accredited university or college in Canada 50%

Six credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country 50%

Recognized Bachelor degree program at an accredited university at which English is the primary language of Graduation
instruction in a country\(^3\) where English is the principal language.

Applicants who have successfully completed a degree from an accredited institution at which English is the language of instruction in a country where English is not the principal language may submit their academic transcript for review by Okanagan College. Subject to verification, this degree may be used to meet the English requirement for admission to Okanagan College.

Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

1 Provincial Examinations: The blended grade (school mark and provincial exam result combined) will be used in determining if the admission requirement has been satisfied.

2 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

3 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

**ENGLISH 11 with minimum 67% and alternatives**

**How to meet the English requirements**

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

**Secondary School Level Courses British Columbia, Yukon**

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11</td>
<td>67%</td>
</tr>
<tr>
<td>Composition 11</td>
<td>67%</td>
</tr>
<tr>
<td>Creative Writing 11</td>
<td>67%</td>
</tr>
<tr>
<td>Literary Studies 11</td>
<td>67%</td>
</tr>
<tr>
<td>New Media 11</td>
<td>67%</td>
</tr>
<tr>
<td>Spoken Language 11</td>
<td>67%</td>
</tr>
<tr>
<td>English Literature 11</td>
<td>67%</td>
</tr>
<tr>
<td>English 11 First Peoples</td>
<td>67%</td>
</tr>
<tr>
<td>EFP Literary Studies and Writing 11</td>
<td>67%</td>
</tr>
<tr>
<td>EFP Literary Studies and New Media 11</td>
<td>67%</td>
</tr>
<tr>
<td>EFP Literary Studies and Spoken Language 11</td>
<td>67%</td>
</tr>
<tr>
<td>Communications 11</td>
<td>67%</td>
</tr>
</tbody>
</table>

Note: only accepted as a means to meet the English admissions requirement for Trades and Office Administration programs.
Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College's admission requirements for Applicants Whose First Language is not English.

### Okanagan College Courses and Tests

**Minimum:**

- **Okanagan College Adult Basic Education ENGL 011 or ENGL 080 or both ENGL 081 and 082**

- **OCELA (Okanagan College English Language Assessment)**
  
  This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.

- **Okanagan College English for Academic Purposes:**
  - EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)

### Language Tests

**Minimum:**

- **International English Language Testing System (IELTS - academic version)**
  
  Overall band score of 6.0 (with no band less than 6.0)

- **Language Proficiency Index (LPI) – Essay Score**
  
  24/40 - Level 4
Test of English as a Foreign Language (TOEFL)
Note: Pharmacy Technician Certificate requires a score of at least 91 (Internet-based)

<table>
<thead>
<tr>
<th>Test</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test of English as a Foreign Language</td>
<td>79 (Internet-based), or 213 (computer-based), or 550 (paper-based)</td>
</tr>
<tr>
<td>Canadian Academic English Language (CAEL CE)</td>
<td>Overall score 50</td>
</tr>
<tr>
<td>Pearson Test of English (PTE Academic)</td>
<td>Overall score 58</td>
</tr>
<tr>
<td>Overall score 58</td>
<td>No Communication Skills score lower than 55</td>
</tr>
<tr>
<td>Duolingo English Test</td>
<td>Overall score 105</td>
</tr>
<tr>
<td>For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement. Not accepted as a means to meet the English admissions requirement for some of the Health programs. Please check with the College for details.</td>
<td></td>
</tr>
</tbody>
</table>

University Level Courses & Credentials

<table>
<thead>
<tr>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>English literature or composition course at an accredited university or college in Canada 50%</td>
</tr>
<tr>
<td>Three credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country 50%</td>
</tr>
<tr>
<td>Recognized Bachelor degree program at an accredited university at which English is the primary language of instruction in a country where English is the principal language.</td>
</tr>
<tr>
<td>Applicants who have successfully completed a degree from an accredited institution at which English is the language of instruction in a country, subject to verification, this degree may be used to meet the English requirement for admission to Okanagan College.</td>
</tr>
</tbody>
</table>

Graduation

Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

*The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are

1 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

2 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda,
Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

ENGLISH 11 with minimum 60% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

Secondary School Level Courses British Columbia, Yukon

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 11</td>
<td>60%</td>
</tr>
<tr>
<td>Composition 11</td>
<td>60%</td>
</tr>
<tr>
<td>Creative Writing 11</td>
<td>60%</td>
</tr>
<tr>
<td>Literary Studies 11</td>
<td>60%</td>
</tr>
<tr>
<td>New Media 11</td>
<td>60%</td>
</tr>
<tr>
<td>Spoken Language 11</td>
<td>60%</td>
</tr>
<tr>
<td>English Literature 11</td>
<td>60%</td>
</tr>
<tr>
<td>English 11 First Peoples</td>
<td>60%</td>
</tr>
<tr>
<td>EFP Literary Studies</td>
<td>60%</td>
</tr>
</tbody>
</table>

Secondary School Level Courses Canada and Other

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alberta, Northwest Territories,</td>
<td>60%</td>
</tr>
<tr>
<td>Nunavut: English Language Arts</td>
<td></td>
</tr>
<tr>
<td>20-1 or English 20</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan: English 20</td>
<td>60%</td>
</tr>
<tr>
<td>Manitoba: Please inquire</td>
<td>60%</td>
</tr>
<tr>
<td>Ontario: ENG3U</td>
<td>60%</td>
</tr>
<tr>
<td>Quebec: 1 English Literature</td>
<td>60%</td>
</tr>
<tr>
<td>courses in 500 series</td>
<td></td>
</tr>
<tr>
<td>New Brunswick: English 112</td>
<td>60%</td>
</tr>
<tr>
<td>Prince Edward Island: English</td>
<td>60%</td>
</tr>
<tr>
<td>521A</td>
<td></td>
</tr>
<tr>
<td>Nova Scotia: Please inquire</td>
<td>60%</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador:</td>
<td>60%</td>
</tr>
<tr>
<td>Please inquire</td>
<td></td>
</tr>
<tr>
<td>International Baccalaureate (IB)</td>
<td></td>
</tr>
<tr>
<td>English A1 or A2 (higher-level</td>
<td>3</td>
</tr>
<tr>
<td>or standard-level)</td>
<td></td>
</tr>
<tr>
<td>Advanced Placement (AP)</td>
<td></td>
</tr>
<tr>
<td>English Language &amp; Composition</td>
<td>3</td>
</tr>
<tr>
<td>or English Literature &amp;</td>
<td></td>
</tr>
<tr>
<td>Composition</td>
<td></td>
</tr>
</tbody>
</table>
O-level, AS-Level, A-Level, GCSE, IGCSE English Language or Literature course

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College’s admission requirements for Applicants Whose First Language is not English.

These alternatives do not apply to the Health Care Assistant Certificate; please see the program page for the English requirements.

### Okanagan College Courses and Tests

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Okanagan College Adult Basic Education ENGL 011 or ENGL 080 or both ENGL 081 and 082</td>
<td>60%</td>
</tr>
<tr>
<td>OCELA (Okanagan College English Language Assessment)</td>
<td>75 in each: Writing, Reading &amp; Discussion</td>
</tr>
<tr>
<td>Okanagan College English for Academic Purposes: EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)</td>
<td>60% in each</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>International English Language Testing System (IELTS - academic version)</td>
<td>Overall band score of 6.0 (with no band less than 6.0)</td>
</tr>
<tr>
<td>*Language Proficiency Index (LPI) – Essay Score</td>
<td>24/40 - Level 4</td>
</tr>
<tr>
<td>Test of English as a Foreign Language (TOEFL)</td>
<td>79 (Internet-based), or 213 (computer-based), or 550 (paper-based)</td>
</tr>
<tr>
<td>Canadian Academic English Language (CAEL online or CAEL CE)</td>
<td>Overall score 50</td>
</tr>
<tr>
<td>Canadian Language Benchmark Placement Test (CLB PT)</td>
<td>Listening 7, Speaking 7, Reading 6, and Writing 6</td>
</tr>
<tr>
<td>Pearson Test of English (PTE Academic)</td>
<td>Overall score 58</td>
</tr>
<tr>
<td>Duolingo English Test</td>
<td>No Communicative Skills score lower than 55</td>
</tr>
<tr>
<td>For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement. Overall score 105</td>
<td></td>
</tr>
</tbody>
</table>

*Not accepted as a means to meet the English admissions requirement for some of the Health programs.*
Please check with the College for details.

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

*The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

University Level Courses & Credentials

Minimum:

- English literature or composition course at an accredited university or college in Canada 50%
- Three credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country 50%
- Recognized Bachelor degree program at an accredited university at which English is the primary language of instruction in a country where English is the principal language.

Applicants who have successfully completed a degree from an accredited institution at which English is the language of instruction in a country where English is not the principal language may submit their academic transcript for review by Okanagan College. Subject to verification, this degree may be used to meet the English requirement for admission to Okanagan College.

Graduation requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

1 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

2 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

ENGLISH 11 with minimum 50% and alternatives

How to meet the English requirements

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

Secondary School Level Courses British Columbia, Yukon

Minimum:

- English 11 50%
- Composition 11 50%

Other courses, tests and means to satisfy
<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative Writing 11</td>
<td>50%</td>
</tr>
<tr>
<td>Literary Studies 11</td>
<td>50%</td>
</tr>
<tr>
<td>New Media 11</td>
<td>50%</td>
</tr>
<tr>
<td>Spoken Language 11</td>
<td>50%</td>
</tr>
<tr>
<td>English Literature 11</td>
<td>50%</td>
</tr>
<tr>
<td>English 11 First Peoples</td>
<td>50%</td>
</tr>
<tr>
<td>EFP Literary Studies and Writing 11</td>
<td>50%</td>
</tr>
<tr>
<td>EFP Literary Studies and New Media 11</td>
<td>50%</td>
</tr>
<tr>
<td>EFPLiterary Studies and Spoken Language 11</td>
<td>50%</td>
</tr>
<tr>
<td>Communications 11</td>
<td>50%</td>
</tr>
<tr>
<td>Note: only accepted as a means to meet the English admissions requirement for Trades and Office Administration programs</td>
<td></td>
</tr>
<tr>
<td>Advanced Level Adult Basic Education English course equivalent</td>
<td>50%</td>
</tr>
</tbody>
</table>

**Secondary School Level Courses Canada and Other**

<table>
<thead>
<tr>
<th>Province, Territories, Courses in 500 series</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alberta, Northwest Territories, Arts 20-1 or English 20</td>
<td>50%</td>
</tr>
<tr>
<td>Nunavut: English Language 20-1</td>
<td>50%</td>
</tr>
<tr>
<td>Saskatchewan: English 20</td>
<td>50%</td>
</tr>
<tr>
<td>Manitoba: Please inquire</td>
<td>50%</td>
</tr>
<tr>
<td>Ontario: ENG3U</td>
<td>50%</td>
</tr>
<tr>
<td>Quebec: 1 English Literature courses in 500 series</td>
<td>50%</td>
</tr>
</tbody>
</table>

**New Brunswick:** English 112 50%

**Prince Edward Island:** English 521A 50%

**Nova Scotia:** Please inquire 50%

**Newfoundland & Labrador:** Please inquire 50%

International Baccalaureate (IB) English A1 or A2 higher-level 3

Advanced Placement (AP) English Language & Composition or English Literature & Composition 3

O-level, AS-Level, A-Level, GCSE, IGCSE English Language or Literature course C

Applicants whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
- University Level Courses and Credentials

should refer to the College’s admission requirements for Applicants Whose First Language is not English.

**Okanagan College Courses and Tests**

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Okanagan College Adult Basic Education ENGL 011 or ENGL 080 or both ENGL 081 and 082</td>
<td>50%</td>
</tr>
<tr>
<td>Okanagan College 100-level ENGL course</td>
<td>50%</td>
</tr>
</tbody>
</table>
OCELA (Okanagan College English Language Assessment)
This test is only administered by the ESL department and is for students entering the ESL program at the Kelowna campus.

Okanagan College English for Academic Purposes:
- EAPD 040 (Academic Discussion Skills 4) and EAPW 040 (Academic Writing Skills 4) and EAPR 040 (Academic Reading Skills 4)
- 60% in each
- 75 in each: Writing, Reading & Discussion

Trades Entrance Assessment (TEA) reading comprehension
- 60% in each
- 77%

Language Tests
| Minimum: |
|-----------------|-----------------|-----------------|
| International English Language Testing System (IELTS - academic version) | Overall band score of 6.0 (with no band less than 6.0) | Overall score 50 |
| *Language Proficiency Index (LPI) – Essay Score | 24/40 - Level 4 | English literature or composition course at an accredited university or college in Canada |
| Test of English as a Foreign Language (TOEFL)¹ | 79 (Internet-based), or 213 (computer-based), or 550 (paper-based) | Minimum score 56 |
| Canadian Academic English Language (CAEL online or CAEL CE) | Overall score 105 | No Communicative Skills score lower than 55 |
| Pearson Test of English (PTE Academic) | Overall score 50 | Minimum: |

Since Fall 2020, for the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement. Not accepted as a means to meet the English admissions requirement for some of the Health programs. Please check with the College for details.

*Language Tests

Language Tests Minimum:

International English Language Testing System (IELTS - academic version)
- Overall band score of 6.0 (with no band less than 6.0)

*Language Proficiency Index (LPI) – Essay Score
- 24/40 - Level 4

Test of English as a Foreign Language (TOEFL)¹
- 79 (Internet-based), or 213 (computer-based), or 550 (paper-based)

Canadian Academic English Language (CAEL online or CAEL CE)
- Overall score 105

Pearson Test of English (PTE Academic)
- Overall score 50

Duolingo English Test
- Overall score 105

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

*The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

University Level Courses & Credentials

Minimum:

English literature or composition course at an accredited university or college in Canada
- 50%
Three credits (or the equivalent) of post-secondary first-year English studies at an accredited university in an English-speaking country

Recognized Bachelor degree program at an accredited university at which English is the primary language of instruction in a country where English is the principal language.

Applicants who have successfully completed a degree from an accredited institution at which English is the language of instruction in a country where English is not the principal language may submit their academic transcript for review by Okanagan College. Subject to verification, this degree may be used to meet the English requirement for admission to Okanagan College.

Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.

1 Okanagan College’s institution code for the Test of English as a Foreign Language (TOEFL) is 9536.

2 Countries where English is the Principal Language (note that there may be additional countries): Anguilla, Antigua, Australia, Bahamas, Barbados, Belize, Bermuda, Botswana, British Virgin Islands, Cameroon, Canada, Cayman Islands, Dominica, Gambia, Ghana, Grenada, Guyana, Ireland, Kenya, Jamaica, Lesotho, Liberia, Malawi, Mauritius, Montserrat, Namibia, Nigeria, New Zealand, Singapore, South Africa, Swaziland, St. Kitts and Nevis, St. Lucia, St. Vincent, Tanzania, Trinidad and Tobago, Turks and Caicos Islands, Uganda, United Kingdom, United States, U.S. Virgin Islands, Zambia, Zimbabwe

**ENGLISH 10 with minimum 50% and alternatives**

**How to meet the English requirements**

At Okanagan College admission requirements are program specific. Be sure to check your program admissions requirements for the level of English required.

**Secondary School Level Courses British Columbia, Yukon**

<table>
<thead>
<tr>
<th>Course</th>
<th>Minimum:</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 10</td>
<td>50%</td>
</tr>
<tr>
<td>Any two of: Composition 10, Creative Writing 10, Literary Studies 10, New Media 10, or Spoken Language 10</td>
<td>50% each</td>
</tr>
<tr>
<td>English 10 First Peoples</td>
<td>50%</td>
</tr>
<tr>
<td>Any two of: EFP Writing 10, EFP Literary Studies 10, EFP New Media 10 or EFP Spoken Language 10</td>
<td>50% each</td>
</tr>
<tr>
<td>Intermediate Level Adult Basic Education English course equivalent</td>
<td>50%</td>
</tr>
<tr>
<td>Communications 11</td>
<td>50%</td>
</tr>
</tbody>
</table>

Note: only accepted as a means to meet the English admissions requirement for Trades programs incl. Culinary Arts Certificate and Pastry Arts Certificate

Applications whose first language is not English and who do not meet the English admission requirements via one of the means listed in the following sections:

- Secondary School Level Courses British Columbia, Yukon
- Secondary School Level Courses Canada and Other
• University Level Courses and Credentials

should refer to the College's admission requirements for Applicants Whose First Language is not English.

Okanagan College Courses and Tests

Minimum:

Okanagan College Adult Basic Education ENGL 070 or both ENGL 071 and 072

50%

Trades Entrance Assessment (TEA) reading comprehension

Note: The TEA test can only be used to satisfy the English admission requirement for Trades programs.

77%

ABLE reading comprehension

Note: The ABLE test can only be used to satisfy the English admission requirement for Continuing Studies Building Service Worker Certificate.

77%

Language Tests

Minimum:

International English Language Testing System (IELTS - academic version)

Overall band score of 6.0 (with no band less than 6.0)

79 (Internet-based), or 213 (computer-based), or 550 (paper-based)

Test of English as a Foreign Language (TOEFL)

Duolingo English Test

For the Fall 2020, Winter, Summer and Fall 2021, and Winter 2022 terms, the Duolingo English Test results can be used to satisfy the English language proficiency entrance requirements and for preliminary English Language placement.

Not accepted as a means to meet the English admissions requirement for some of the Health programs. Please check with the College for details.

Note: We will accept test results taken no more than two years before you apply to Okanagan College with the exception of the LPI which does not have a time limit.

The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Other courses, tests and means to satisfy requirements may be considered on an individual basis. For inquiries, please contact Okanagan College Admissions admissions@okanagan.bc.ca or (250) 762-5445.
REGISTRATION

- All students must apply for formal admission and receive an offer of admission before registration.
- Okanagan College reserves the right to manage its individual course waitlists.
- Students must be registered before attending classes.
- Registration is not complete until tuition and associated fees are paid in full.
- Students will be issued final grades only for those courses in which they are officially registered.

Office of the Registrar

www.okanagan.bc.ca/registrar

The Office of the Registrar is responsible for student education records, admission and registration procedures for all students (excluding Continuing Studies), monitoring and enforcing academic policies, regulations and standards.

All student records are processed and discharged through the Office of the Registrar including: applications for admission, registration for courses, tuition fees, course additions and withdrawals, grades, transcripts, transfer credit, articulation with other institutions, degrees, diplomas and certificates, change in name, and change in address or telephone number.

Any questions on records, procedures or policies should be directed to the Office of the Registrar by calling (250) 762-5445, or by visiting your local Okanagan College regional campus.

Registration Dates

Please see: www.okanagan.bc.ca/dates

Registration Procedures

Programs Offering Web Registration

Business programs, Associate Degree programs and University Studies programs (Arts and Science diplomas), and some of the Technology programs.

The student's offer of admission letter will specify if a student is eligible to web register. The web registration system is located at myokanagan.bc.ca. A student may see their registration appointment time in their myOkanagan account (Student tab > Registration > Registration Status).

Programs Not Offering Web Registration

Health and Social Development certificates and diplomas, Trades programs, all Office Administration programs, and some of the Technology programs.

Find out more about registration in our Become a Student microsite.

Students who have been granted admission must accept their offer online in their myOkanagan student account. To be assured of a reserved place in a program, students must pay the admission deposit. Payments can be made online through the student's myOkanagan account (or by mail or in person).

Students who fail to pay their non-refundable deposit by the deadline stated in their offer of admission will have their application cancelled. If they request reactivation of their application within two weeks of cancellation, their names may be placed at the bottom of the program waitlist which will be used to fill the program in accordance with Okanagan College's Program Waitlist Policy.

Once the deposit is received, the student will be registered automatically in the appropriate classes by the Office of the Registrar (block registration).

Sponsored Students

Sponsored students must provide a letter from the sponsor stating that Okanagan College may bill the sponsor. The letter should also detail what the sponsor will pay for including, if applicable, the non-refundable tuition deposit, tuition fees, books, material fees or any other billing items. Information will not be released to sponsors without an information release form signed by the student.

Okanagan College Employees

Continuing (Regular) employees of Okanagan College wishing to register for one or more courses in academic, career and technology, developmental, vocational or continuing studies programs can request a tuition waiver for themselves subject to the prerequisites and admission policies specific to the program as well as the general policies of the College. Tuition and application fees will be waived provided the employee registers in a non-cost recovery course and submits a tuition waiver form with their registration form. For a cost-recovery course
registration, tuition and application fees will be waived provided the employee registration does not displace a fee-paying student, additional instruction costs are not incurred, and the registration and tuition waiver forms are received in the Registrar's Office no earlier than the last business day before the class starts. The Commercial Aviation program is not available for employee tuition waiver.

**Waiver of Prerequisite and Corequisite Courses**

Under special circumstances, course prerequisite or corequisite waivers may be granted by the appropriate department.

If a student has satisfactorily completed the equivalent of a prerequisite or corequisite course at another institution, prerequisite or corequisite waivers may be granted by the department chairperson or designate.

If a student demonstrates sufficient background or ability to ensure a reasonable probability of success in a course, prerequisite and corequisite waivers may be granted by the department chairperson or designate.

In the event of a student having failed a course which serves as a prerequisite or has otherwise failed to achieve the minimum passing grade specific to a course which serves as a prerequisite, the waiver will be allowed only if approved in writing by the dean of the appropriate faculty.

**Course Waitlist Procedure**

Students are encouraged on a regular basis to login to myOkanagan and check the status of their waitlisted courses.

Students who are waitlisted for a course will not be officially registered in the course until a seat is offered to them and the tuition is paid.

Arts/Science students should only register and/or waitlist in a combined total of courses not exceeding 18 credits.

Waitlist dates will be set by the Registrar's Office and are part of the academic calendar.

Further information can be found in the Course Waitlist Policy section of the calendar.
FEES

Fees are generally due at least three weeks before classes begin. Students with financial difficulties should discuss their situation in advance with the Financial Aid and Awards Office, Student Services, Kelowna Campus. Visit www.okanagan.bc.ca/feepayment for more information.

Okanagan College has partnered with Flywire and PayMyTuition to provide all students additional secure online payment options to pay your student account balances. Payments can be initiated from both Canadian financial institutions and financial institutions outside of Canada.

*Flywire – options to pay from Canadian institutions will be available in the fall of 2021.

Online debit and credit card payments initiated through Canadian institutions through these providers will include a non-refundable 2.5% convenience fee added to the base payment. Other online payment options are available within each of these payment portals that do not include the convenience fee.

Online bill payment through your bank is also available with no additional convenience fee charges.

Payment by debit card, cheque or cash will be accepted in person to pay your student account balances. For safety reasons, payment by cash is discouraged. Credit cards are not accepted in person or over the phone to pay student account balances.

Tuition Fees

Visit www.okanagan.bc.ca/tuition or the individual program pages in the Calendar to see approximate tuition fees and other costs associated with Okanagan College programs.

Foundational Programs

Adult Basic Education, Adult Special Education, and English as a Second Language (Domestic):

Tuition will be waived for all courses within this category. However, mandatory fees, other than tuition, will be applied to all students.

Distance Education

Regular tuition fees (based on the same per-billing credit fees as charged for on-campus delivery) will apply, plus an additional administration fee of $27.50 plus GST per course.

International Students

See International Student Fees.

Senior Citizens (60 years of age or older)

Degree, Diploma, Associate Degree, and Technology Programs: $97.02 per semester for any combination of credit or audit courses.

Vocational and Trades Programs: $23.28 per month (with a $76.09 overall minimum)

The Senior rate is only available as of the first day of classes up until the final day of registration if space is available. There will be no senior citizen reduction for any Continuing Studies, Distance Education, or cost-recovery programming.

Other fees (see below) will be charged in addition to the above amounts.

Audit Fees

$77.60 per billing credit. Audit fees do not apply to laboratory, studio, Continuing Education, Distance Education or cost-recovery courses. Students can only audit courses if there is sufficient space. Audit rates do not apply to international students.

Other fees (see below) will be charged in addition to the above amounts.

Refugee Status

Applicants who have been granted refugee status (convention refugee) by Citizenship and Immigration Canada, and who are authorized to study at Okanagan College by Citizenship and Immigration Canada, will be assessed tuition fees as domestic students. Refugee claimants (applicants in progress) will be assessed international tuition fees.

Other Fees 2020-21

Application Fee (non-refundable)

Domestic Applicants: $30
International Applicants: $100
Transcript Assessment Fee

B.C. Transcripts: Applicants requesting transfer credit for courses successfully completed at a recognized BC university or college will not be charged an assessment fee.

Out-of-Provins Transcripts: Applicants requesting transfer credit for courses successfully completed at a recognized Canadian post-secondary institution outside BC will be charged a transcript assessment fee of $50 per transcript.

International Transcripts: Applicants requesting transfer credit for courses completed at a post-secondary institute outside of Canada will be charged a transcript assessment fee of $150 per transcript. In the event that transcripts and other documents are not in English, the student will be responsible for submission of an official English translation of all required documents.

Grade Appeal Fee

$30 per course grade appeal. The fee is returned if the appeal is successful.

Transcript Fee

Okanagan College: $10 per transcript. An additional charge will be applied when expedited service is requested.

Okanagan University College: $20 for the first transcript and $10 for extra copies requested at the time of ordering. An additional charge will be applied when expedited service is requested.

Degree, Diploma & Technology Programs: The assessed ETF for a given degree, diploma and technology course will be $6.45 per billing credit.

Vocational Programs (Regular & Apprenticeship): The assessed ETF for a vocational program will be $4.85 per week or part thereof.

International Transcripts: Applicants requesting transfer credit for courses completed at a post-secondary institute outside of Canada will be charged a transcript assessment fee of $150 per transcript. In the event that transcripts and other documents are not in English, the student will be responsible for submission of an official English translation of all required documents.

Student Activity Fee

Degree, Diploma, Career and Technology, and Vocational and Trades Programs: 5.2% of assessed tuition to a maximum of $41.41 per semester. Vocational Programs will pay 5.2% of assessed tuition to a maximum of $41.41 per semester. Trades and Vocational will pay $6.19/week ($41.41 for programs less than 16 weeks; $82.82 for more or equal to 16 weeks.)

Distance Education: no charge.

Co-operative Education Programs

Students will pay a $97.02 non-refundable application fee to register as a co-op student. A $323.39 work term fee is charged for each four-month work term. The co-op application fee shall not be deducted from the first work term fee.

Student Association Fees - Mandatory Fee for all Students

- Student association fees will be assessed as a percentage of tuition fees payable.
- The fees are added to the student assessment at the time of registration, as with other students’ association fees.
- Students in vocational or trades programs must be enrolled in a program of at least 16 weeks duration.
- Distance Education courses are exempt from Student Association fees.

Health and Dental

You may opt out of the Extended Health and Dental plan if you already have coverage through another provider. Proof of such coverage must be provided to the student union or association before their deadline. Visit www.okanagan.bc.ca/forms for opt-out forms and more information. Opt-out forms need to be received...
by the deadline indicated in the information. Arrangements to waive the fees may only be made through the plan office.

Health and Dental Plan fees may increase up to 3% per annum to cover premium and administrative cost adjustments.

Vernon

Please visit the Vernon Students’ Association Okanagan College website at vsaoc.ca for information on Student Association Fees as well as the Extended Health and Dental plan and associated fees.

Kelowna, Penticton, and Salmon Arm

All Kelowna, Penticton and Salmon Arm students who are registered in a degree/diploma program and who are not part-time or co-op students will be automatically enrolled in the Okanagan College Students’ Union (OCSU) Extended Health and Dental Plan.

Full details of the plan, including payment deadlines, are available from the Student Extended Health and Dental Plan office in the OCSU office at the Kelowna campus (room H125 or call 250-862-5483.) You may also visit an OCSU office in Penticton or Salmon Arm, or visit the website at www.ocsu.ca.

Refund of Student Association Fees

Requests for a refund of student association fees must be made directly to the respective student association.

The Student Associations shall refund to the student that portion of any paid membership fees in excess of a four-month assessment, provided an official withdrawal is submitted to the Registrar's Office or campus office during the first four months of the program. The student must submit a written request, enclosing proof of withdrawal.

Requests for a refund of extended health and dental premiums must be made directly to the plan administrator at the Health and Dental Plan office. Students enrolled in degree and diploma courses will be eligible for a refund upon withdrawal of courses until the end of the second week of classes.

Generic Fee Payment Schedule for Students

A non-refundable, non-transferable offer acceptance tuition deposit is required from any student who is:

- attending Okanagan College for the first time, or
- starting a new program of study.

If you have been offered admission, payment of the deposit will secure your seat in the program.

- Students offered admission must pay the offer acceptance tuition deposit to accept their offer of admission.
- The offer acceptance tuition deposit will be fully applied toward payment of the student's assessed tuition fees.
- Some programs have a second deposit, which must be paid to retain the seat in the program. The second deposit will be fully applied toward payment of the student's assessed tuition fees. It is also non-refundable, non-transferable.
- The deposit(s) are non-refundable except in the event of a student being unable to attend the program due to unforeseen circumstances beyond the student's control. The student will be required to submit confirmation of the circumstances to the Registrar.
- The deposit(s) can be transferred to another intake of the same program or to a different program only in exceptional circumstances and on approval by the Registrar.
- Payment of the deposit(s) cannot be deferred. Sponsorship letters, including "Passport to Education," cannot be accepted in lieu of payment unless clearly stating that the non-refundable deposit will be paid by the sponsoring agency if the applicant subsequently chooses not to attend.

If the deposit(s) are not paid by the deadline(s), the seat in the program will be offered to the next applicant. Deposits received after the deadline will be accepted subject to space availability in the program.

The amount of the deposit(s) are as follows:

**Domestic Students:**

1. Practical Nursing: $500 on acceptance of offer; plus an additional deposit of $250 approximately 90 days before the start of the program.
2. Bachelor of Science in Nursing, all Engineering Technologies, Computer Information Systems degree and diploma, Animation, AME-M and AME-S: $500 on acceptance of offer; plus an additional deposit of $500 approximately 90 days before the start of the program.
3. Foundational Programs: no deposit.
Foundational programs include the following:
AACP: Adult Academic and Career Preparation (Adult Basic Education), ESL: English as a Second Language (Domestic), ASE: Adult Special Education

4. Health (excl. those listed above) and Trades Foundation Programs except AME-M and AME-S: $200 plus an additional $200 deposit approximately 90 days before the start of the program.

5. Culinary Arts and Culinary Management: $300 on acceptance of offer; plus an additional deposit of $200 approximately 90 days before the start of the program

6. All other programs: $200

Applicants will be informed via email of their second deposit due date and amount.

International Students:

ESL and ABE programs: $500
ESL and ABE Student Refund and Deferral Procedures

CCC Vietnam, SDS India and Philippines, Pakistan and Bangladesh Students all programs: $10,000
CCC Vietnam, SDS India and Philippines, Pakistan and Bangladesh Student Refund and Deferral Procedures

All other programs: $5,000
Student Refund and Deferral Procedures

All refunds are issued to the student on the account regardless of who made the payment. Refunds are issued to the country of origin of the payment even if the student is now in Canada.

Payment of Balance of Fees

Fees are generally due three weeks before classes begin. Please refer to www.okanagan.bc.ca/feepayment for full details on fee payment deadlines, deferrals, and payment methods.

Financial Hold

Okanagan College reserves the right to place a student on financial hold. When a student has been placed on financial hold, no subsequent registration activity will be allowed, no statement of grades or transcripts of academic record will be issued and the student will not be allowed to graduate. The Financial Aid and Awards office and the library will be notified and use of the library may be restricted. The student will not be eligible to register in any future courses until the financial hold is removed. The financial hold will be removed when the outstanding balance, including all interest penalties, is paid in full. In respect of any other indebtedness to Okanagan College, subsequent registration may be denied until these accounts are fully paid.

Tuition Refund Policy

Subject to the stipulations below, students withdrawing from a course or courses may be entitled to receive a tuition refund. All tuition refunds are under the authority of the Registrar.

- For continuing students the tuition refund will be applied through a transfer of funds to the student's next semester or term.
- For students who are not returning to Okanagan College, a refund cheque will be issued to the student or, where a formal sponsorship agreement is on file with Okanagan College, to the sponsor. Refund cheques will not be issued for amounts less than $10.

Students must complete and sign all required withdrawal or course add/drop forms.

The non-refundable admission deposit(s) will be applied against the tuition refund where applicable. See Generic Fee Payment Schedule for Students above for details.

Academic Programs

Fall and Winter semester courses, Summer Session and Special Short Term Courses, Distance Education Courses

Students are entitled to a full tuition refund, less the non-refundable admission deposit, if they withdraw from a course or courses during the period up to and including the last day of the late registration period. Students who withdraw after the last day of the late registration period will receive no tuition refund.*

The late registration period is defined in the Academic schedule (in-class courses) and Distance Education schedule (distance courses) at www.okanagan.bc.ca/dates.

Vocational Programs
Students registered in a vocational program which is longer than 16 weeks and who totally withdraw or terminate their registration within the first 16 weeks of the program, will receive a tuition refund for that portion of the program in excess of 16 weeks. Students who withdraw after the 16th week will receive no tuition refund.*

*After the deadlines stated above, no tuition refunds for any course or program withdrawal or termination (including those due to lack of attendance and/or performance) will be granted except when the Registrar approves a withdrawal arising from unforeseen circumstances. The student will be required to submit a completed Request for Withdrawal for Medical or Compassionate Reasons form. In some cases a refund may be granted on a pro rata basis. Please note, requests for refunds will only be considered for courses registered in and paid for within the last 12 months.

International students who withdraw from their program due to unforeseen circumstances beyond their control, may request pro-rated rebates of tuition less any costs incurred by Okanagan College. Students must submit the Request for Withdrawal for Medical or Compassionate Reasons form and any supporting documents to the Registrar. Please note, requests for refunds will only be considered for courses registered in and paid for within the last 12 months.

Continuing Studies programs and courses

Please see this link for detailed refund information.

International Students

ESL and ABE Student Refund and Deferral Procedures

CCC Vietnam, SDS India and Philippines, Pakistan and Bangladesh Student Refund and Deferral Procedures

Student Refund and Deferral Procedures

All refunds are issued to the student on the account regardless of who made the payment. Refunds are issued to the country of origin of the payment even if the student is now in Canada.

Apprenticeship Programs

Withdrawals prior to the start of class

1. Apprenticeship students who withdraw from an apprenticeship program prior to the start date of the class may apply for a refund under the following conditions and deadlines:

   - 30+ days prior to the start of class: a full refund, less the non-refundable fee of $200, will be issued.
   - 29 days to last business day prior to the start of the class: refund of ancillary fees only.

2. Apprenticeship students who are deemed, by Okanagan College, to be inadmissible to attend the program will receive a full refund of the deposit.

Withdrawals after the class start date:

1. Apprenticeship students who withdraw or are removed from a program due to absenteeism or academic performance will not receive a refund.

Withdrawal due to medical or extenuating circumstances:

1. Apprenticeship students who withdraw due to a medical or extenuating circumstance must submit the Request for Withdrawal for Medical or Compassionate Reasons form with a medical note from a physician to the Registrar’s Office. Determination of any refund will be based on this information. If the withdrawal request is not approved, the withdrawal will be subject to the normal refund policy, as stated above.

Okanagan College cancels a class:

When Okanagan College cancels an apprenticeship program or changes a program schedule, the apprenticeship student may apply for a full refund or transfer of funds to an available seat in an open intake, provided the payment is applied toward an intake that starts within the same April 1 - March 31 funding period.

Note: All refunds, whether prior to the start of class or after, are processed and paid to the Apprenticeship student unless there is a “sponsorship” letter on file. If there is a "sponsorship" letter on file, the refund is issued directly to the employer/company.
CO-OPERATIVE EDUCATION

The co-operative education option is offered in the following programs:

- Animation Diploma
- Bachelor of Business Administration
- Bachelor of Computer Information Systems
- Business Administration Diploma (all options)
- Civil Engineering Technology
- Computer Information Systems
- Culinary Arts Certificate (mandatory co-op)
- Culinary Management Diploma (mandatory co-op)
- Electronic Engineering Technology
- Mechanical Engineering Technology
- Infrastructure and Computing Technology Diploma
- Pastry Arts Certificate
- Sustainable Construction Management
- Tourism Management Diploma
- Viticulture Technician Diploma (mandatory co-op)
- Water Engineering Technology
- the student receives remuneration for work performed;
- the student's progress on the job is monitored by Okanagan College;
- the student's performance on the job is monitored and evaluated by both the employer and Okanagan College;
- the total co-operative work experience is normally 30 to 50% of the time spent in academic study.

Co-operative education work term eligibility criteria:

Students must meet the following criteria to participate in co-op work terms:

- Complete and submit a Co-op Work Term Application Form to the Co-operative Education office. A one time non-refundable application fee of $97.02 is billed to your student account shortly after applying.
- Be registered in a full-time program. Program courses successfully completed prior to registration in the program, will be recognized as part of a full program and need not be repeated.
- Successfully complete all required courses or receive equivalent transfer credit.
- Attain a minimum grade average as established by Okanagan College as follows:
  - A minimum grade average of 65% in Business Administration Diploma, Computer Information Systems Diploma or Degree;
  - A minimum grade average of 67% in Business Administration Degree;
  - A minimum grade average of 60% in Animation, Civil Engineering Technology, Electronic Engineering Technology, Mechanical Engineering Technology, Network and Telecommunications Engineering Technology, Water Engineering Technology, Sustainable Construction Management Technology;
- Students may participate in work terms based on previous work term experience.

Fees 2021-22: Students pay a co-operative education fee of $323.39 for each full-time paid work term.

Co-op programs are offered in accordance with the following criteria:

- each work situation is developed and/or approved by Okanagan College as a suitable learning experience;
- the student is engaged in productive work rather than merely observing;
INTERNATIONAL EDUCATION

The International Education department at Okanagan College provides a wide variety of programs and services designed to promote an international perspective in the teaching, research, and service functions of Okanagan College.

To promote a global perspective in Okanagan College's classrooms and a multicultural environment on Okanagan College's campuses, International Education recruits students from abroad, and helps them to adjust to life in Canada and to their studies at Okanagan College.

International Education offers a variety of short-term opportunities for international groups who come to Okanagan College for custom-designed programs of study combined with cultural and recreational activities.

International Education coordinates international activities for Canadian students who wish to engage in international learning opportunities as part of their college experience. Participation in international student exchanges, international internships, credit recognition for studies abroad, and international field schools are coordinated by International Education.

To build on Okanagan College's international reputation and to create international learning and research opportunities for Okanagan College students and faculty, International Education establishes and maintains collaborative relationships with colleges and universities in a variety of countries. International Education collaborates with the Canadian International Development Agency (CIDA) on projects which increase the capacity, efficiency and effectiveness of partner colleges and universities in the developing world. International projects provide Okanagan College faculty and staff with opportunities to apply their expertise in developing countries and help to build Okanagan College's profile both in Canada and abroad.

International Student Admission

Who Can Apply?

Applicants must be at least 18 years of age or turn 18 during their first semester at Okanagan College or have completed the equivalent of British Columbia grade 12.

Applicants who are 17 years of age may be admitted to the Spring and Summer sessions of the English for Academic Purposes program and to any of the Intensive English Communication program sessions.

International students holding temporary Canadian resident status may study in Canada for up to six months. Those intending to study in Canada for more than six months must hold a valid study permit issued by Citizenship and Immigration Canada. For more information contact your nearest Canadian Embassy or Consulate or visit the Citizenship and Immigration Canada website.

When to Apply

Applications are accepted beginning on the first business day of October at 8:30 a.m. for entry into programs beginning the following September. Applicants are encouraged to apply as early as possible and before May 15 for the best selection of programs and courses. March 15 is the deadline to apply to any limited entry programs including Early Childhood Education, Human Service Worker, Therapist Assistant, Human Kinetics and all of the Engineering Technology diplomas.

For international applicants to the Associate of Arts degree, Associate of Science degree, Bachelor of Business Administration degree, Business Administration diploma, Computer Information Systems diploma, Bachelor of Computer Information Systems degree and all Arts and Science diplomas, the final deadline for applications is June 30. Official transcripts, proof of English proficiency, program admission requirements, payment of the admissions deposit and any other conditions noted in the admission letter must be satisfied by July 15 for the September semester.

For academic students wishing to begin their studies in the January semester, the application deadline is October 31. Official transcripts, proof of English proficiency, program admission requirements, payment of the admissions deposit and any other conditions noted in the admission letter must be satisfied before November 15 for the January semester.

Academic students wishing to begin their studies in the May/July summer sessions, the application deadline is February 28. Official transcripts, proof of English proficiency, program admission requirements, payment of the admissions deposit and any other conditions noted in the admission letter must be satisfied by March 31 for the summer sessions.
Please note: failure to submit documentation by the deadline date will result in cancellation of your application.

International students registered in Okanagan College’s ESL summer program may apply to degree and diploma programs after July 15, by permission of the Registrar.

How to Apply

New and Continuing Students

Students may apply online on the Okanagan College website.

Returning Students Only

Students returning to resume studies after an absence of one or more semesters (not including summer) must submit a new application for admission before the beginning of the semester in which they wish to enrol.

Application Fee Payment

A $100 (Canadian) non-refundable application fee is required with your application.

Students are admitted to only one program and one intake. Students who wish to change their start date or program must submit a new application.

Applicants to the English Language (EL) program who plan to continue in degree or diploma programs must apply for admission to these programs separately.

Students may pay by:

- VISA or MasterCard
- cheque or money order to Okanagan College, International Education, 1000 KLO Road, Kelowna, BC, Canada V1Y 4X8.

Diploma/Degree/Certificate Programs

Okanagan College offers a wide variety of certificate, diploma and degree programs. Details of these can be found in the Okanagan College Calendar under Programs.

Applicants whose first language is not English

Applicants to diploma, degree and certificate programs whose first language is not English must submit proof of their English language proficiency. Please check the program you are applying to for the required level of English and see the appropriate link of English and Alternatives for various ways of meeting the requirement:

Applicants who have successfully completed a diploma or degree from an accredited institution at which English is the language of instruction may submit their academic transcript for review by Okanagan College. Subject to verification, this diploma or degree may be used to meet the English requirement for admission to Okanagan College.

Documentation of English language proficiency should be sent directly to International Education, Okanagan College.

In addition to English, all students must meet program specific prerequisites.

Transcripts

Applicants who are less than 19 years of age must submit official, sealed, secondary school transcripts clearly indicating that they have completed requirements for secondary school graduation. Transcripts must be submitted in English. If the official transcript is not in English, the student must arrange a translation from a translation agency representative or school official.

Students who wish to receive Okanagan College credits for courses completed at other colleges or universities, must send official, sealed transcripts and complete course outlines to International Education, Okanagan College. All documents must be translated into English and signed by a translation agency representative or school official. Post-secondary transcripts will not be returned to the student. The evaluation fee for transcripts from post-secondary institutions outside of Canada is $150. See Transfer Credit Requests for more information.

When to Apply

Courses for degree and diploma programs begin on the first or second Wednesday in September.

Applications are accepted on or after the first working day in October for all programs beginning the following September. Applications are received on a
first come first serve basis so it is strongly encouraged for students to apply early before programs fill up. Applicants are admitted in chronological order of receipt of their application. Admission requirements (official transcripts, proof of English proficiency and program requirements) must be satisfied by the deadlines indicated in the letter of admission.

Please also see International Student Admission or refer to the Okanagan College website or the Okanagan College International Education application package for further information.

International Student Fees

Tuition Fees

Okanagan College tuition fees are subject to change. Students should refer to the International Education website for the most current information.

Trades, Engineering Technologies or Health and Social Development courses: Please see our Annual Date Schedule and Tuition Fees.

Degree/Diploma courses: $1,444 per course

English for Academic Purposes Certificate - Kelowna Campus

$1,444 per course (70 hour course/4 month semester)

$2,888 per course (140 hour course/4 month semester)

International students are also required to pay student association fees, health and dental insurance, and activity fees.

In addition to classroom studies, Okanagan College offers:

- Recreational and cultural activities.
- An academic and language support centre to help with your learning needs.

Tuition Fee Payment Deadlines

All programs require a non-refundable deposit to be paid by the date indicated in the letter of admission.

Full fees are normally due two weeks before classes begin. Fees must be received by the due date.

Please refer to the Fee Payment section on the Okanagan College website for fee payment deadlines and further information.

Tuition Fee Refunds

International Students (effective May 2018 Intake)

ESL and ABE programs: $500
ESL and ABE Student Refund and Deferral Procedures

SPP, CCC, SDS Students all programs: $10,000
SPP, CCC, SDS Student Refund and Deferral Procedures

All other programs: $5,000
Student Refund and Deferral Procedures
PROGRAMS

University Studies

Okanagan College offers first- and second-year courses in Arts and Science. Most courses have transfer credit at universities in British Columbia and will transfer to other universities within Canada.

With appropriate course selection, students may complete an Associate of Arts Degree, an Associate of Science Degree, Diplomas in General Studies, Criminal and Social Justice, Environmental Studies, International Development, Journalism Studies, Media and Cultural Studies, Writing and Publishing, and an Advanced Certificate in Communication. Students may also transfer to advanced study at another post-secondary institution.

An associate degree consists of two years of undergraduate university-level study. Specific courses and credits are provincially-approved to qualify students for degree completion. This credential enables students to transfer into the third year of an undergraduate university degree. Block transfer is also available at many universities in B.C.. Please consult an Education Advisor for more information: www.okanagan.bc.ca/advising.

University Studies - Arts

Associate of Arts Degree

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.
Transfer Students: Students who transfer to Okanagan College may be eligible for transfer credits towards an Okanagan College Associate of Arts degree, Associate of Science degree or a General Studies diploma for work successfully completed at another recognized institution.

**Requirements for the Associate of Arts Degree**

The Associate of Arts Degree is granted upon completion of 60 credits of prescribed study (below). Students with an Associate of Arts Degree if admitted to BC universities are guaranteed full transfer credit (60 credits) for the work done for their Associate Degree.

In two B.C. universities (SFU and UNBC), students with an Associate of Arts Degree will be offered priority admission to the Faculty of Arts (subject to a minimum GPA determined by the university). Check the BC Council on Admissions and Transfers website for updated information on BC Associate degrees at [http://www.bctransferguide.ca](http://www.bctransferguide.ca).

Courses used to complete the Okanagan College Associate of Arts Degree must also have transfer credit to one other BC university (Simon Fraser University, University of British Columbia, University of Northern British Columbia, University of Victoria).

No course may be used to meet more than one of the specific requirements.

The Associate of Arts Degree is granted upon completion of the following course requirements with a minimum grade average of 60% for all courses counting towards the degree.

Six (6) first-year English Literature credits from:

- ENGL 100
- ENGL 150
- ENGL 151
- or ENGL 153

(or ENGL 199

**) Students with credit for ENGL 100 may not take ENGL 199 for further credit. (Students planning to transfer to UBC Vancouver are advised to complete ENGL 199.)

Nine (9) Science credits including three (3) credits of MATH, COSC or STAT and three (3) credits in a lab science course. Of the three (3) credits of lab science and for purposes of the Associate of Arts Degree, students select from the following non-exclusive list, and should be mindful in their program development that not all courses will be offered at every campus in every academic year:

- ASTR 110
- ASTR 111
- ASTR 120
- ASTR 121
- BIOL 111
- BIOL 112
- BIOL 120
- BIOL 121
- BIOL 122
- BIOL 131
- BIOL 133
- CHEM 111
- CHEM 112
- CHEM 117
- CHEM 121
- CHEM 122
- EESC 101
- EESC 111
- EESC 117
- EESC 121
- GEOG 111
- GEOG 121
- GEOG 205
- GEOG 212
- /EESC 205
- /EESC 212
Of the three (3) credits of MATH, COSC or STAT and for purposes of the Associate of Arts Degree, students must select from the following:

- MATH 111
- MATH 112
- MATH 120
- *, MATH 122
- MATH 160
- *, STAT 121
- STAT 124
- COSC 111
- COSC 121
- COSC 122
- COSC 180
- SOCI 271
- *, PSYC 270
- GEOG 270

**

Students should consult the BCCAT transfer guide and the calendar of their destination institution to determine whether the courses indicated with a * will be granted transfer credit and will be accepted for credit toward a Bachelor of Arts degree.

**, Students should note that GEOG 270 meets the MATH, COSC or STAT equivalency only for the Environmental Studies Emphasis or the Geography Emphasis of the Associate of Arts.

Thirty-six (36) credits in Arts including:

- Six (6) credits in the Social Sciences;
- Six (6) credits in the Humanities (including the Creative and Performing Arts); and
- 24 additional credits in Arts.

Nine (9) credits in Arts, Science or other university-transferable courses.

Humanities include English, Fine Arts (excluding FINA 201 and 202), French, German, History, Japanese, Mandarin, Philosophy and Spanish. Social Sciences include Anthropology, Communications, Criminology, Economics, Political Science, Psychology, Sociology, Gender, Sexuality, and Women's Studies, and Geography courses that are not lab science courses.

Note: Of the thirty-six (36) credits in Arts required for the Associate of Arts Degree, eighteen (18) must be from 200-level courses and from two or more subject areas.

**Associate of Arts Degree: Discipline Emphasis**

In meeting the above requirements, the Associate of Arts Degree can be structured by students to reflect emphasis on a particular discipline from options outlined below. Students are advised to verify with the appropriate Department Chair that the specific course offerings will be offered within a two-year cycle if students intend to complete the Associate Degree in two years.

The following emphases are available at Okanagan College.

**Communications Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate Arts Degree, students must complete specific Communications courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- CMNS 100 Introduction to Communications
- CMNS 110 Introduction to Mass Communication

And twelve (12) credits of 200-level Communications
Creative Writing Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific English courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

Year One course requirements (30 credits)
CRWR 116 Introduction to Creative Writing I
CRWR 126 Introduction to Creative Writing II
ENGL 170 Applied Publishing Skills

6 credits from the following:
ENGL 150 Critical Writing and Reading: Poetry and Drama
ENGL 151 Critical Writing and Reading: Short Fiction and the Novel
ENGL 153 Critical Writing and Reading: Narrative

3 credits from the following:
FINA 110 Introduction to Drawing and Visual Storytelling
FINA 115 Introduction to Acting
FINA 120 Introduction to the Creative Process
ENGL 160 Introduction to Film Studies

12 credits of electives that satisfy graduation requirements of the Associate of Arts Degree program.

Year Two course requirements (30 credits)
ENGL 220 Studies in the Theory and Practice of Creative Writing

3 credits from the following:
ENGL 211 Survey of English Literature I
ENGL 221 Survey of English Literature II

CRWR 216 Intermediate Workshop in Creative Writing - Poetry
CRWR 217 Intermediate Workshop in Creative Writing - Fiction
CRWR 218 Intermediate Workshop in Creative Writing - Drama
CRWR 219 Intermediate Workshop in Creative Writing - Creative Non-Fiction
CRWR 281 Intermediate Workshop in Creative Writing-Screenwriting

18 credits of electives that satisfy graduation requirements of the Associate of Arts Degree program.

Crosscultural Studies Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Anthropology, Geography, English and Modern Language courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

ANTH 121 Introduction to Cultural Anthropology
ANTH 170 Introduction to Linguistic Anthropology
ANTH 213 Women in Cross-cultural Perspective
ANTH 270 Phonology
GEOG 117 Introduction to Human Geography I
GEOG 127 Introduction to Human Geography II
ENGL 222 Studies in International Literature in English

And six (6) credits of Modern Languages (French, German, Spanish or Japanese)

Economics Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Economics courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

ECON 115 Principles of Microeconomics
ECON 125 Principles of Macroeconomics
And twelve (12) credits of 100/200-level Economics

**English Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific English courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

18 credits of ENGL from first and second year, 9 of which must be from second year. Including:

At least one of:

- ENGL 211 Survey of English Literature I
- ENGL 221 Survey of English Literature II
- ENGL 233 Studies in American Literature

At least two other second-year literature courses:

- ENGL 210 Women in Literature
- ENGL 212 Studies in Children's Literature
- ENGL 213 Studies in British Literature
- ENGL 215 Studies in Reading Film
- ENGL 222 Studies in International Literature in English
- ENGL 223 Studies in Canadian Literature
- ENGL 225 Studies in Drama
- ENGL 231 Studies in Popular Narrative
- ENGL 233 Studies in American Literature
- ENGL 236 Studies in Indigenous Literature in Canada
- ENGL 237 Studies in Nature Writing

Up to one of:

- ENGL 100 University Writing
- ENGL 199 Arts Studies in English
- ENGL 203 Studies in Composition

Up to one of:

- ENGL 116* Introduction to Creative Writing I

* Or, with the permission of the department, a different creative writing course such as ENGL 126, 216, 217, 218, 219 or 220.

Students who earn an English emphasis in the Associate of Arts are deemed to have completed the provincial English Flexible Pre-Major, which enables students to be admitted into the third year of an English major at universities across the province (subject to a competitive GPA).

Please note: Not all courses are available on all campuses every year. Check with the department chair to confirm the availability of courses. Students intending to pursue an English major at UBC should complete ENGL 211 and 221 to demonstrate historical coverage.

**Environmental Studies Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Geography and Earth and Environmental Science courses and a breadth of 200-level arts courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

Six (6) credits of introductory Physical Geography or Earth and Environmental Science (one of the following pairs):

- GEOG 111 Introduction to Physical Geography: Climate & Vegetation
- GEOG 121 Introduction to Physical Geography: Water & Landscapes

or

- EESC 111 Earth and Environmental Science
- EESC 121 Natural History of the Earth

Six (6) credits of introductory Human Geography (one of the following pairs):

- GEOG 128 Human Geography: Space, Place and Community
- GEOG 129 Human Geography: Resources, Development and Society

or
**GEOG 117** Introduction to Human Geography I

**GEOG 127** Introduction to Human Geography II

Twelve (12) credits of 200-level courses chosen from the following list:

- **ANTH 245** Culture and the Environment
- **ECON 271** Environmental and Natural Resource Economics
- **ENGL 232** - International Language in English Literature II
- **ENGL 237** Studies in Nature Writing
- **INDG 202** Okanagan Concepts and Frameworks
- **GEOG 205** Geographical Hydrology
- **GEOG 210** Introduction to Environmental Issues
- **GEOG 217** Regional Geography of British Columbia
- **GEOG 222** Geomorphology
- **GEOG 224** The Canadian Landscape
- **GEOG 250** Introduction to Urban Geography
- **GEOG 272** Introduction to Cartography, GIS and Remote Sensing
- **GSWS 222** Eco-Feminism

**Gender, Sexuality and Women's Studies Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Gender, Sexuality and Women’s Studies courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- Six (6) credits of 100-level Gender, Sexuality and Women's Studies, and
- Twelve (12) credits of 200-level Gender, Sexuality and Women's Studies

**Geography Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Geography and Earth and Environmental Science courses and a breadth of 200-level arts courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- Six (6) credits of introductory Human Geography (one of the following pairs):
  - **GEOG 128** Human Geography: Space, Place and Community
  - **GEOG 129** Human Geography: Resources, Development and Society
  
  or
  
  - **GEOG 117** Introduction to Human Geography I
  - **GEOG 127** Introduction to Human Geography II

  Any four 200 level or higher Geography courses.

**History Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree with an emphasis in History, students must complete specific History courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- Eighteen (18) credits of History, including a minimum of six credits of 200-level History

**Modern Language Emphasis - French**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree with an emphasis in French, students must complete specific courses in French. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- Six (6) credits of 100-level Gender, Sexuality and Women's Studies, and
- Twelve (12) credits of 200-level Gender, Sexuality and Women's Studies

- **ANTH 170** Introduction to Linguistic Anthropology
- **FREN 112** French Language and Literature I
- **FREN 122** French Language and Literature II
FREN 211 Advanced French Language and Literature I
FREN 221 Advanced French Language and Literature II
And six credits in French chosen from:
FREN 210 Introduction to French Literature I: Before 1800
FREN 215 Second Year Oral French Practice I
FREN 220 Introduction to French Literature II: Since 1800
FREN 225 Second-Year Oral French Practice II

Modern Language Emphasis - German

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree with an emphasis in German, students must complete specific courses in German. Specifically, as part of the Associate of Arts Degree requirements, students must complete the following courses:

ANTH 170 Introduction to Linguistic Anthropology
GERM 111 Introductory German I
GERM 121 Introductory German II
GERM 201 Oral Expression III
GERM 202 Oral Expression IV
GERM 211 Intermediate German I
GERM 221 Intermediate German II

Philosophy Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Philosophy courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

PHIL 111 Introduction to Philosophy I
PHIL 114 Introduction to Logic and Critical Thinking I
PHIL 121 Introduction to Philosophy II
PHIL 124 Introduction to Logic and Critical Thinking II
And six (6) credits of 200-level Philosophy from:

PHIL 211 Ethics
PHIL 222 Knowledge and Reality
PHIL 240 Social and Political Philosophy

Philosophy, Politics and Economics (PPE) Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Philosophy, Political Science and Economics courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

Six (6) credits of 100/200-level Economics
Six (6) credits of 100/200-level Philosophy
Six (6) credits of 100/200-level Political Science

Political Science Emphasis

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree,
students must complete specific Political Science courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- **POLI 101** Introduction to Politics
- **POLI 111** The Government of Canada

And twelve (12) credits of Political Science at the 200-level or higher

**Psychology Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Psychology courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- **PSYC 111** Introduction to Psychology: Basic Processes
- **PSYC 121** Introduction to Psychology: Personal Functioning

And twelve (12) credits of 200-level Psychology

**Sociology Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Arts Degree, students must complete specific Sociology courses. Specifically, as part of the Associate of Arts Degree requirements, students must complete:

- **SOCI 111** Introduction to Sociology I
- **SOCI 121** Introduction to Sociology II

And twelve (12) credits of 200-level Sociology

**Studies in Resistance and Revolution Emphasis**

Please note: These courses will be available beginning September 2017.

This Associate of Arts degree Emphasis in Resistance and Revolution, offered exclusively at the Salmon Arm campus, is a program that will expose students to the variety of ways that people around the world have contested and continue to contest social, political, colonial, and economic orders. This interdisciplinary program will focus not only on dramatic and large-scale social movements and revolution, but also on small-scale, grass-roots efforts aimed at affecting change. Important topics will include the application of critical theories of race, class, gender, and sexuality as well as social movement theories and cultural critique.

As a means of satisfying all the requirements outlined above for an Associate of Arts Degree, students must complete:

- **IDST 101** Resistance and Revolution in the Colonial Period
- **IDST 102** Resistance and Revolution in the Neocolonial Period
- **IDST 201** Strategies of Resistance and Revolution
- **IDST 202** Praxis of Resistance and Revolution

And six (6) credits of 200-level Humanities and/or Social Sciences with substantial content related to resistance and revolution.

Prior to registration, students must receive approval for course selections from the IDST Department Chair, or campus designate, in order to ensure graduation requirements can be met for the Resistance and Revolution Emphasis.

**Diploma in General Studies**

Please see the Associate of Arts.

**Admission Requirements**

**Regular Applicants:** A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary school graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be
admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.

2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

Transfer Students: Students who transfer to Okanagan College may be eligible for transfer credits towards an Okanagan College Associate of Arts degree, Associate of Science degree or a General Studies diploma for work successfully completed at another recognized institution.

Requirements for the Diploma in General Studies

The Diploma in General Studies may be granted for the successful completion of 60 credits of Okanagan College courses including at least eighteen credits of 200-level courses. Only thirty credits of courses can be from a single discipline.

Diploma in Criminal and Social Justice

The Criminal and Social Justice program, based at Okanagan College's Penticton campus, will provide students with an Arts-based criminal and social justice education. It is a two-year, four-semester program in which students will take a variety of criminal and social justice related courses in Sociology, Psychology, Political Science and Criminology, as well as elective Arts courses of personal interest. Some fields of inquiry may include Indigenous studies, gender studies, race and ethnicity, globalization and poverty.

Students will graduate from this two-year program with a Diploma in Criminal and Social Justice and transfer into degree opportunities at other institutions in British Columbia and elsewhere, or they can move directly into the workforce, as there is growing labour demand in the field of criminal and social justice.

Students exit the program with a solid, practical understanding of criminal and social justice issues in Canada and the world, as well as the academic skills of analytical reasoning, critical thinking, communication, and information retrieval that will be applied to their future profession and academic pursuits.

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary school graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the program, subject to the following conditions:
1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.

2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

   The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

Program Outline

Year One

Semester I

**PSYC 111** Introduction to Psychology: Basic Processes

**SOCI 111** Introduction to Sociology I

**ENGL 100** University Writing

**CRIM 111** Introduction to Criminology

**POLI 101** Introduction to Politics

Semester II

**PSYC 121** Introduction to Psychology: Personal Functioning

**SOCI 121** Introduction to Sociology II

**CRIM 121** Introduction to the Criminal Justice System

**GSWS 100** Introduction to Gender, Sexuality, and Women's Studies

Electives (3 credits)

Year Two

Semester III

**CRIM 235** Canadian Law and Legal Institutions

**CRIM 260** Social Science Research Methods

**SOCI 270** Deviance and Social Control

One of:

**CRIM 240** Applied Ethics for Criminal and Social Justice Professions

**PHIL 250** Applied Ethics for Criminal and Social Justice Professions

And one of:

**PSYC 250** Interpersonal Relations

**PSYC 231** Drugs and Behaviour

**PSYC 242** Abnormal Psychology

**PSYC 255** Introduction to Psychology and Law

**PSYC 230** The Biopsychology of Behaviour

**SOCI 250** Crime and Society

Semester IV

**CRIM 210** Law, Youth and Young Offenders

**CRIM 230** Criminal Law

**CRIM 203** Psychological Perspectives on Crime and Deviance

And one of:
SOCI 271 Statistical Analysis in Sociology I
PSYC 270 Statistics and Data Analysis
Electives (3 credits)

Graduation Requirements

The Diploma in Criminal and Social Justice may be granted upon the successful completion of 60 credit hours of Okanagan College courses as outlined in the program outline below.

Diploma in Environmental Studies

The Diploma in Environmental Studies offers an interdisciplinary opportunity to understand the physical principles governing the environment and the social and cultural aspects that influence human behaviour towards the environment. Students will gain a holistic knowledge of the environment through courses from the sciences, social sciences and humanities. The interdisciplinary model will equip students with the critical and analytical skills to think through the many complex factors that influence our understanding of the environment.

The diploma has four options: interdisciplinary environmental arts, environmental management, environmental science and geographic information science. Courses have university transfer credit providing students with the option of further study in either environmental studies or other disciplines. Students can also move directly into the workplace for there is a growing demand for labour in the environmental sector.

Prospective students should ensure that they have the prerequisites for the courses in the option that they wish to pursue.

Block Transfers: please see http://www.bctransferguide.ca/search/block and the GEOG/EESC department for details of the block transfer programs.

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   o Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   o Writing the LPI and obtaining a score of at least 24/40 (level 4).

Prospective students should ensure that they have the prerequisites for the courses in the option that they wish to pursue.

Block Transfers: please see http://www.bctransferguide.ca/search/block and the GEOG/EESC department for details of the block transfer programs.

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   o Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   o Writing the LPI and obtaining a score of at least 24/40 (level 4).

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Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.
Program Outline

Interdisciplinary Environmental Arts Option Required Courses:

Year One

*INDG 100* Introduction to Indigenous Studies

*ANTH 121* Introduction to Cultural Anthropology

*GEOG 128* Human Geography: Space, Place and Community

*GEOG 129* Human Geography: Resources, Development and Society

*SOCI 111* Introduction to Sociology I

*SOCI 121* Introduction to Sociology II

*EESC 101* Environmental Science

*ENGL 100* University Writing

One of:

*ENGL 150* Critical Writing and Reading: Poetry and Drama

*ENGL 151* Critical Writing and Reading: Short Fiction and the Novel

*ENGL 153* Critical Writing and Reading: Narrative

One of:

*EESC 111* Earth and Environmental Science

*GEOG 111* Introduction to Physical Geography: Climate & Vegetation

*GEOG 121* Introduction to Physical Geography: Water & Landscapes

Year Two

*ENGL 235*

/CMNS 235

*GSWS 222* Eco-Feminism

*GEOG 270* Geographic Data Analysis

*GEOG 272* Introduction to Cartography, GIS and Remote Sensing

Two 200 level or higher GEOG or EESC courses

*PHIL 251* Environmental Ethics

*POLI 204* Canadian Environmental Policy

One of:

*INDG 202* Okanagan Concepts and Frameworks

*INDG 204* Indigenous Concepts and Frameworks

One of:

All 200 level or higher GEOG or EESC courses

*ANTH 245* Culture and the Environment

*ANTH 260* Ethnobotany: Plants and People

*ECON 271* Environmental and Natural Resource Economics

*ENGL 237* Studies in Nature Writing

*POLI 219* Canadian Public Administration

*SOCI 217* Consumer Society

*SOCI 295* Current Topics in Sociology

Environmental Management Option Required Courses:

Year One

*ECON 115* Principles of Microeconomics

*EESC 101* Environmental Science

*ENGL 100* University Writing

*GEOG 129* Human Geography: Resources, Development and Society

*INDG 100* Introduction to Indigenous Studies

One of:

*ENGL 150* Critical Writing and Reading: Poetry and Drama

*ENGL 151* Critical Writing and Reading: Short Fiction and the Novel

*ENGL 153* Critical Writing and Reading: Narrative

One of:
**EESC 111** Earth and Environmental Science

**GEOG 111** Introduction to Physical Geography: Climate & Vegetation

**GEOG 121** Introduction to Physical Geography: Water & Landscapes

One of:

**MATH 111** Essential Mathematics for Arts

**MATH 112** Calculus I

**STAT 121** Elementary Statistics

One of:

**BIOL 111** Biology for Science Majors I

**BIOL 112** Evolution and Ecology

One of:

**BIOL 121** Biology for Science Majors II

**BIOL 122** Physiology of Multicellular Organisms

Year Two

**CMNS 235**

/ **ENGL 235**

**ECON 271** Environmental and Natural Resource Economics

**GEOG 270** Geographic Data Analysis

**GEOG 272** Introduction to Cartography, GIS and Remote Sensing

**GEOG 311** Environmental Management

One 200 level or higher GEOG/EESC lab science course

One 200 level or higher GEOG/EESC course

**POLI 204** Canadian Environmental Policy

One of:

**INDG 202** Okanagan Concepts and Frameworks

**INDG 204** Indigenous Concepts and Frameworks

One of:

All 200 level or higher GEOG or EESC courses

**ANTH 245** Culture and the Environment

**ANTH 260** Ethnobotany: Plants and People

**BIOL 203** Introduction to Ecology

**BIOL 275** Freshwater Plants and Animals

**PHIL 251** Environmental Ethics

**POLI 219** Canadian Public Administration

Environmental Science Option Required Courses:

Year One:

**BIOL 111** Biology for Science Majors I

**BIOL 121** Biology for Science Majors II

**EESC 101** Environmental Science

**ENGL 100** University Writing

**MATH 112** Calculus I

Open elective (3 credits)

One of:

**ENGL 150** Critical Writing and Reading: Poetry and Drama

**ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**ENGL 153** Critical Writing and Reading: Narrative

One of:

**EESC 111** Earth and Environmental Science

**GEOG 111** Introduction to Physical Geography: Climate & Vegetation

**GEOG 121** Introduction to Physical Geography: Water & Landscapes

One of:

**CHEM 111** Principles of Chemistry I

**CHEM 112** Introductory Chemistry I

One of:
### CHEM 121 Principles of Chemistry II

### CHEM 122 Introductory Chemistry II

**Year Two:**

- **BIOL 203** Introduction to Ecology
- **CMNS 235** / **ENGL 235**
- **GEOG 272** Introduction to Cartography, GIS and Remote Sensing

One 200 level or higher GEOG/EESC lab science course

One of:

- **INDG 202** Okanagan Concepts and Frameworks
- **INDG 204** Indigenous Concepts and Frameworks

One of:

- **GEOG 270** Geographic Data Analysis
- **STAT 230** Elementary Applied Statistics

One of:

- **ECON 271** Environmental and Natural Resource Economics
- **GEOG 210** Introduction to Environmental Issues
- **PHIL 251** Environmental Ethics
- **POLI 204** Canadian Environmental Policy

Three of:

- All 200 level or higher GEOG or EESC courses
- Geographic Information Science Option

**This option is under review and is not currently being offered.**

**Year One**

- **EESC 101** Environmental Science
- **ENGL 100** University Writing
- **GEOG 111** Introduction to Physical Geography: Climate & Vegetation

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**CHEM 172** Map Use, Design, and Analysis

**GEOG 270** Geographic Data Analysis

One of:

- **EESC 111** Earth and Environmental Science
- **GEOG 121** Introduction to Physical Geography: Water & Landscapes

One of:

- **ENGL 150** Critical Writing and Reading: Poetry and Drama
- **ENGL 151** Critical Writing and Reading: Short Fiction and the Novel
- **ENGL 153** Critical Writing and Reading: Narrative

One of:

- **ANTH 111** Introduction to Biological Anthropology
- **ANTH 121** Introduction to Cultural Anthropology

**HIST 112** Canada to 1867

**HIST 122** Canada Since 1867

One of:

- **BIOL 111** Biology for Science Majors I
  - or **BIOL 112** Evolution and Ecology
- **CHEM 111** Principles of Chemistry I
  - or **CHEM 112** Introductory Chemistry I
- **PHYS 111** Calculus-Based Physics I
  - or **PHYS 112** Introductory Physics I

Year Two

**GEOG 272** Introduction to Cartography, GIS and Remote Sensing

**GEOG 274** Introduction to GIS Analysis

**GEOG 275** The Earth From Above: Remote Sensing of the Environment

**GEOG 276** Geodatabases: Effective Data Management in a Spatial World
**International Development Diploma**

The International Development Diploma is designed for learners who are interested in working with organizations involved in development projects across the globe. The program provides learners an opportunity to engage with current global issues such as poverty; environmental degradation; racial and gender discrimination; corruption and lack of economic and financial transparency; and political deficiency. Upon successful completion of this program, learners have acquired a multidisciplinary understanding of the current issues in international development and will apply appropriate techniques to analyze the issues and problems of development in the global context.

The diploma has two options:

I. **International Development Governance.** In this option, students will have a choice of further specializations in:
   - a. Women and Development;
   - b. Environment and Development;
   - c. Sustainable Development

II. **International Development Management**, a joint Diploma Program between Arts and Business.

All Arts courses in this Diploma program have university studies credits, providing students with the option of further study in either international development or other related disciplines. Business courses are transferred on a course-by-course basis.

Students are advised to verify with the appropriate Department Chair or Dean that the specific course offerings will be offered within a two-year cycle if students intend to complete the Diploma in two years.

Students should refer to the most recent BC transfer guide at [http://www.bctransferguide.ca/](http://www.bctransferguide.ca/).

**Admission Requirements**

**Regular Applicants:**
A regular applicant will have secondary school graduation (or equivalent) or will complete the requirements for senior secondary graduation (or its equivalent) not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
• English 12 with minimum 60% or alternatives.
Students with a passing grade of less than 60% in English 12, English 12 First Peoples, TPC 12, or an equivalent Provincial level Adult Basic Education English course will be admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4). The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Mature Applicants:
A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year. Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

Program Outline
I. Required Courses (all options)
   - ECON 115 Principles of Microeconomics
   - ECON 125 Principles of Macroeconomics
   - ECON 261 Economics of Developing Countries
   - POLI 101 Introduction to Politics
   - POLI 112 Understanding International Development
   - POLI 220 The Politics of Human Rights
   - POLI 221 Global Politics
   - POLI 222 Global Political Economy

II. International Development Governance Option
   - ANTH 121 Introduction to Cultural Anthropology
   - One of the following:
     - HIST 115 Contemporary World from 1900 to World War II
     - HIST 125 Contemporary World from World War II to the Present
     - HIST 126 History of Western Civilization 1789 to the Present
     - HIST 230 Warfare and Terrorism Since 1945
   - One of the following:
     - ECON 210 Women and the Economy
     - ECON 260 Poverty and Inequality
     - ECON 271 Environmental and Natural Resource Economics

Students in the Environment and Development Emphasis (Governance Option) with credit for ECON 271 as their ECON elective cannot also take it as an Arts elective in their emphasis.

Two of the following:
   - POLI 114 Engaging in International Development
   - POLI 202 Women and Politics
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLI 206</td>
<td>Religion and Politics</td>
</tr>
<tr>
<td>POLI 211</td>
<td>Comparative Government</td>
</tr>
<tr>
<td>POLI 240</td>
<td>Contemporary Political Ideologies</td>
</tr>
<tr>
<td>POLI 213</td>
<td>Canada in International Development</td>
</tr>
<tr>
<td>POLI 339</td>
<td>Sustainable Development</td>
</tr>
<tr>
<td>POLI 346</td>
<td>Institutions of Global Governance</td>
</tr>
</tbody>
</table>

* Students in Women and Development specialization cannot take ECON 210 or POLI 202 as their POLI and ECON electives in the International Governance Option.

English Electives:

Two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 100</td>
<td>University Writing</td>
</tr>
<tr>
<td>ENGL 150</td>
<td>Critical Writing and Reading: Poetry and Drama</td>
</tr>
<tr>
<td>ENGL 151</td>
<td>Critical Writing and Reading: Short Fiction and the Novel</td>
</tr>
<tr>
<td>ENGL 153</td>
<td>Critical Writing and Reading: Narrative</td>
</tr>
</tbody>
</table>

Arts Electives (unless students wish to gain a specialization. See below list of Arts electives for specialization):

Five of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 180</td>
<td>Communicating Across Cultures</td>
</tr>
<tr>
<td>ANTH 213</td>
<td>Women in Cross-cultural Perspective</td>
</tr>
<tr>
<td>ANTH 214</td>
<td>The Family in Cross-cultural Perspective</td>
</tr>
<tr>
<td>ANTH 215</td>
<td>Religion in Cross-cultural Perspective</td>
</tr>
<tr>
<td>ANTH 245</td>
<td>Culture and the Environment</td>
</tr>
<tr>
<td>ANTH 260</td>
<td>Ethnobotany: Plants and People</td>
</tr>
<tr>
<td>ANTH 283</td>
<td>Globalization &amp; Resistance</td>
</tr>
<tr>
<td>CMNS 100</td>
<td>Introduction to Communications</td>
</tr>
<tr>
<td>CMNS 110</td>
<td>Introduction to Mass Communication</td>
</tr>
<tr>
<td>CMNS 230</td>
<td>Communication and Culture</td>
</tr>
</tbody>
</table>

CMNS 280 Applied Communication
EESC 101 Environmental Science
ECON 202 Intermediate Macroeconomic Analysis
ECON 335 The Economics of Social Issues
ENGL 222 Studies in International Literature in English
GEOG 128 Human Geography: Space, Place and Community
GEOG 129 Human Geography: Resources, Development and Society
GEOG 201 Food and Society
GEOG 210 Introduction to Environmental Issues
GEOG 221 Economic Geography
GEOG 250 Introduction to Urban Geography
GEOG 311 Environmental Management
GSWS 100 Introduction to Gender, Sexuality, and Women's Studies
GSWS 201 Gender, Justice, Resistance
GSWS 207 Gender and Sexuality in Religion
GSWS 222 Eco-Feminism
HIST 241 Late Imperial China
HIST 250 Post-Independence Latin American History
HIST 251 The Chinese Republics
HIST 271 Modern India
IDST 101 Resistance and Revolution in the Colonial Period
IDST 102 Resistance and Revolution in the Neocolonial Period
IDST 201 Strategies of Resistance and Revolution
IDST 202 Praxis of Resistance and Revolution
PHIL 114 Introduction to Logic and Critical Thinking I
PHIL 241 Contemporary Moral Issues
PHIL 251 Environmental Ethics
PSYC 121 Introduction to Psychology: Personal Functioning
SOCI 111 Introduction to Sociology I
SOCI 121 Introduction to Sociology II
SOCI 202 Introduction to Social Problems
SOCI 212 Race and Ethnic Relations I
SOCI 213 Sex, Gender and Society I
SOCI 217 Consumer Society
SOCI 218 Sociology and Religion
SOCI 224 Men and Masculinities
SOCI 226 Work, Technology and Social Change
SOCI 268 Studies in Sexualities
SOCI 303 Environmental Sociology

The Breadth Requirement: students cannot take more than two courses from the same discipline

Specialization in Women and Development

Students must choose four of their Arts electives from the following courses to gain the specialization in Women and Development:

Four of the following:

ANTH 213 Women in Cross-cultural Perspective
ANTH 214 The Family in Cross-cultural Perspective
ECON 210 Women and the Economy
POLI 202 Women and Politics
GSWS 100 Introduction to Gender, Sexuality, and Women’s Studies
GSWS 201 Gender, Justice, Resistance
GSWS 207 Gender and Sexuality in Religion
GSWS 215 Gender and Popular Culture
GSWS 222 Eco-Feminism
SOCI 213 Sex, Gender and Society I

SOCI 224 Men and Masculinities
SOCI 269 Studies in Sexualities

The Breadth Requirement: students cannot take more than two courses from the same discipline

Specialization in Environment and Development

Students must choose four of their Arts electives from the following courses to gain the specialization in Environment and Development:

Four of the following:

ANTH 245 Culture and the Environment
ANTH 260 Ethnobotany: Plants and People
ECON 271 Environmental and Natural Resource Economics
FESC 101 Environmental Science
GEOG 129 Human Geography: Resources, Development and Society
GEOG 201 Food and Society
GEOG 210 Introduction to Environmental Issues
GEOG 311 Environmental Management
GSWS 222 Eco-Feminism
PHIL 251 Environmental Ethics
SOCI 303 Environmental Sociology

The Breadth Requirement: students cannot take more than two courses from the same discipline

Specialization in Sustainable Development

Students must choose four of their Arts electives from the following courses to gain the specialization in Sustainable Development:

Four of the following:

GEOG 221 Economic Geography
GEOG 250 Introduction to Urban Geography
GSWS 206
ECON 202 Intermediate Macroeconomic Analysis
Current as of July 5, 2021

**ECON 210** Women and the Economy

**ECON 335** The Economics of Social Issues

**POLI 339** Sustainable Development

**POLI 346** Institutions of Global Governance

**SO CI 217** Consumer Society

**SO CI 226** Work, Technology and Social Change

**HIST 250** Post-Independence Latin American History

**HIST 251** The Chinese Republics

**HIST 271** Modern India

The Breadth Requirement: students cannot take more than two courses from the same discipline

III. International Development Management Option

All of the following:

**BUAD 111** Financial Accounting I

**BUAD 116** Marketing

**BUAD 123** Management Principles

**BUAD 128** Computer Applications I

**BUAD 195** Financial Management

**BUAD 201** Conflict Resolution and Negotiation

**BUAD 209** Business Law

**BUAD 262** Organizational Behaviour

**BUAD 269** Human Resources Management

One of the following:

**ECON 205** Managerial Economics

**ECON 210** Women and the Economy

(or GSWS 211)

**ECON 260** Poverty and Inequality

**ECON 271** Environmental and Natural Resource Economics

Communication or English electives:

Two of the following:

**CMNS 112** Professional Writing I

**CMNS 122** Professional Writing II

**ENGL 100** University Writing

**ENGL 150** Critical Writing and Reading: Poetry and Drama

**ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**ENGL 153** Critical Writing and Reading: Narrative

**Graduation Requirements**

Graduation of the International Development Diploma will require the completion of 60 prescribed compulsory and elective credits as outlined below.

**Diploma in Journalism Studies**

Please see the Diploma in Communication, Culture and Journalism Studies.

This two-year diploma introduces students to journalism and media criticism and to the contemporary social and cultural context within which journalists work. The program combines writing intensive courses in Communications and English with courses in Philosophy, Political Science, Economics, and Canadian History.

While students may proceed directly to potential entry-level careers in journalism, especially in small markets and independent digital environments, completion of this program is intended primarily to provide students with the liberal arts education necessary to further study in journalism.

**Admission Requirements**

**Regular Applicants:** A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:
• B.C. secondary school graduation, or equivalent.
• English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the Associate of Arts Degree, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

Transfer Students: Students who transfer to Okanagan College may be eligible for transfer credits towards an Okanagan College Associate of Arts degree, Associate of Science degree or a General Studies diploma for work successfully completed at another recognized institution.

Program Outline

All of:

- CMNS 100 Introduction to Communications
- CMNS 110 Introduction to Mass Communication
- CMNS 120 Journalism Fundamentals
- ECON 125 Principles of Macroeconomics
- ENGL 219 Intermediate Workshop in Creative Writing - Creative Non-Fiction
- HIST 122 Canada Since 1867
- PHIL 114 Introduction to Logic and Critical Thinking I
- POLI 101 Introduction to Politics
- POLI 111 The Government of Canada

One of:

- CMNS 235 Professional Writing and Communications
- ENGL 235 Professional Writing and Communications

Two of:

- ENGL 100 University Writing
- ENGL 150 Critical Writing and Reading: Poetry and Drama
- ENGL 151 Critical Writing and Reading: Short Fiction and the Novel
- ENGL 153 Critical Writing and Reading: Narrative
- ENGL 199 Arts Studies in English

But not including both ENGL 100 and ENGL 199

Two of:

- CMNS 200 Communications in the Everyday
- CMNS 240 The Culture of Television
- CMNS 250 Cultural Industries in Canada
- CMNS 260 Topics in Communications
- CMNS 270 New Media
- CMNS 280 Applied Communication

Plus:

Nine Arts credits (six of which must be at the second-year level or higher)

Nine Science credits (including a minimum three credits of MATH, COSC or STAT. STAT 121 is
recommended. And a minimum three credits lab science.

Example Course Sequence (Full-time Student)

Year One: Fall Semester
- **CMNS 100** Introduction to Communications
- **CMNS 120** Journalism Fundamentals
- **ENGL 100** University Writing
- **POLI 101** Introduction to Politics
- 1st Year Arts elective

Year One: Winter Semester
- **CMNS 110** Introduction to Mass Communication
- **ENGL 153** Critical Writing and Reading: Narrative
- **HIST 122** Canada Since 1867
- **POLI 111** The Government of Canada
- 3 credits Science

Year Two: Fall Semester
- **CMNS 270** New Media
- **ENGL 235** Professional Writing and Communications
- **PHIL 114** Introduction to Logic and Critical Thinking I
- 2nd Year Arts elective
- 3 credits Science

Year Two: Winter Semester
- **CMNS 280** Applied Communication
- **ECON 125** Principles of Macroeconomics
- **ENGL 219** Intermediate Workshop in Creative Writing - Creative Non-Fiction
- 2nd Year Arts elective
- 3 credits Science

Graduation Requirements

The Diploma in Journalism Studies will be granted upon the successful completion of 60 prescribed credits, including 15-18 credits in Communications, 9-12 credits of English, 3 credits of History, 6 credits of Political Science, 3 credits of Economics, 3 credits of Philosophy, 9 credits of Arts electives (6 of which must be at the second-year level), and 9 credits of Science (including a minimum of 3 credits of Mathematics, Computer Science, or Statistics and a minimum three credits of lab science.)

Diploma in Media and Cultural Studies

Students currently in the Diploma in Media and Cultural Studies or who have been admitted for the Fall 2015 term, should refer to the archived PDF calendar for a program outline, which lists the required courses.

Students may also choose to switch over to the new program: Diploma in Communications, Culture, and Journalism Studies.

Diploma in Communications, Culture, and Journalism Studies

The Diploma in Communications, Culture, and Journalism Studies (CCJS) is a two-year interdisciplinary diploma that foregrounds a critical analysis of the mass media as contemporary society's most pervasive agent of political and cultural transformation. Students will explore the social, political, and economic functions of news and communications media, the history of journalism, and cultural policy & theory. Particular attention will be paid to questions of social justice, as well as of identity and constructions of gender, race, class, sexuality, and nationality.

Housed in the Department of Communications, CCJS offers students foundational courses in media theory, writing-intensive courses in Communications and English, and a selection of elective breadth courses from a range of departments --including Anthropology, History, Philosophy, Geography, Political Science, Sociology, and Women's Studies.

While students may proceed directly to potential entry-level careers in communications, journalism, public relations, marketing, advertising, research, writing, publishing, consulting or new media, especially in small markets and independent digital
environments, completion of this program is intended primarily to provide students with the liberal arts education necessary for further study.

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

Students with a passing grade of less than 60% in English 12, English 12 First Peoples or TPC 12 will be admissible to the first year of the program, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College's Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

   The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

Mature Applicants: A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

Program Outline

Year One

Foundational courses

All of:

- CMNS 100 Introduction to Communications
- CMNS 110 Introduction to Mass Communication
- CMNS 120 Journalism Fundamentals
- CMNS 130 Introduction to Digital Media
- ENGL 100 University Writing
- ENGL 153 Critical Writing and Reading: Narrative

Breadth Courses

Three of:

- ANTH 121 Introduction to Cultural Anthropology
- CMNS 160 Introduction to Film Studies
- GEOG 128 Human Geography: Space, Place and Community
  or GEOG 129 Human Geography: Resources, Development and Society
- HIST 122 Canada Since 1867
  or HIST 125 Contemporary World from World War II to the Present
- INDG 100 Introduction to Indigenous Studies
- PHIL 114 Introduction to Logic and Critical Thinking I
- POLI 101 Introduction to Politics
  or POLI 111 The Government of Canada
SOCI 111² Introduction to Sociology I  
or SOCI 216² Media and Society  
GSWS 100 Introduction to Gender, Sexuality, and Women's Studies  
or SOCI 217² Consumer Society  

Year Two  
Foundational Courses  
Three of:  
CMNS 200 Communications in the Everyday  
CMNS 230 Communication and Culture  
CMNS 235 Professional Writing and Communications  
or ENGL 235 Professional Writing and Communications  
CMNS 240 The Culture of Television  
CMNS 250 Cultural Industries in Canada  
CMNS 260 Topics in Communications  
CMNS 270 New Media  
CMNS 280 Applied Communication  
CMNS 290 Introduction to Video Game Studies  

One of:  
ENGL 215 Studies in Reading Film  
ENGL 219¹ Intermediate Workshop in Creative Writing - Creative Non-Fiction  
ENGL 222 Studies in International Literature in English  
ENGL 231 Studies in Popular Narrative  

Breadth Courses  
Two of:  
GEOG 201 Food and Society  
GEOG 210 Introduction to Environmental Issues  
POLI 222 Global Political Economy  
or POLI 240 Contemporary Political Ideologies  
SOCI 202² Introduction to Social Problems  
or GSWS 202 Women and Politics  
or GSWS 215 Gender and Popular Culture  
or GSWS 216 Feminism and Film  

1 CCJS choosing ENGL 219 should request a pre-requisite waiver from the English Department Chair.  
2 Students interested in SOCI 216 or SOCI 217 should take SOCI 111 from the first year breadth list AND also SOCI 121 as one of their first year Arts electives in order to fulfill pre-requisite requirements.

Science courses:  
Two Science courses in Laboratory Science, Mathematics, Computer Science or Statistics. For a list of possible options, see the Associate of Arts page.

Elective Arts courses:  
Three 1st or 2nd year Arts courses from any discipline. A university-level language course is recommended for students who have not completed a Grade 12 high school second language course.

Graduation Requirements  
The Diploma in Communications, Culture, and Journalism Studies will be granted upon the successful completion of 60 prescribed compulsory and elective credits, as follows (see below for details): twenty-one credits in Communications credits, nine credits in English, fifteen Breadth credits, nine Arts Electives credits, and six Science credits.

Diploma in Writing and Publishing (English)  
The publishing industry has been transformed by an unprecedented surge of activity as individuals and organizations share text and post images as never before. This has led to exciting changes and challenges in the way writers and publishers look at publishing. Graduates of this two-year diploma program will have the technical skills and wide range of experience crucial to navigating this industry.
Our applied and academic courses take students through the first stages of the writing process to the final post-production stages of publishing in a variety of formats. Our goals are to foster students' writerly personae, to hone their critical voices, and to teach them how to write professionally for multiple audiences. From creative writing workshops to web publishing labs to book design studios to professional editing classes, our courses help students acquire the skills necessary to ensure their work resonates on both page and screen.

We teach our students using industry-standard software, beginning on the first day of class and carrying through each semester of the program. Students can also take advantage of unique hands-on opportunities to put their skills into practice. Okanagan College features a working letterpress print shop, as well as other in-house elements such as Kalamalka Press and Ryga: A Journal of Provocations. These are only some of the opportunities for students to build the sort of portfolio that demonstrates to prospective employers how lessons learned in the classroom contribute to the broad skill set of a qualified professional.

Graduates of the program have a variety of options. Some may pursue employment in a range of traditional and new media outlets, from independent presses to commercial publishing houses. Others may choose to continue their studies in fields such as creative writing, journalism, marketing and media studies.

**Admission Requirements**

**Regular Applicants:** A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- B.C. secondary graduation, or equivalent.
- English 12 with minimum 60% or alternatives.

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1. Registration is restricted to courses for which the student satisfies the prerequisites.

Registration in first-year English courses is, therefore, prohibited.

2. Successful completion of the English entrance requirements within the first year of studies. This may be done in one of the following ways:
   - Successful completion of English 12, English 12 First Peoples or TPC 12 or an equivalent course with a minimum grade of 60%. This may be done concurrently through the College’s Adult Basic Education Program or by completing an equivalent course through a distance education program.
   - Writing the LPI and obtaining a score of at least 24/40 (level 4).

The LPI Test is no longer being offered after July 31, 2020. Okanagan College will continue to accept LPI Test results for two years from the date an applicant tested. Approved alternatives are available. Please consult academic entrance requirements.

**Mature Applicants:** A mature applicant will be at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year.

Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

**Program Outline**

**Year one:**

Two first-year English literature courses (any two of):

- ENGL 150
- ENGL 151
- ENGL 153
- ENGL 153

Two first-year creative writing courses:

- ENGL 116
- ENGL 126
Two first-year publishing courses:
FINA 170
FINA 171
Two first-year communications courses (two of):
CMNS 100
CMNS 110
CMNS 120
or CMNS 130
One first-year marketing course:
BUAD 116
One elective course*
Year two
Two publication design courses
FINA 201
FINA 202
Two intermediate applied English courses:
ENGL 204
ENGL 205
One intermediate English literature course:
ENGL 210
ENGL 211
ENGL 212
ENGL 213
ENGL 220
ENGL 221
ENGL 222
ENGL 223
ENGL 230
ENGL 231
ENGL 233
or ENGL 237
One publishing course focusing on the production process:
ENGL 206
One web design course:
ENGL 207
One professional editing course:
ENGL 209
Two intermediate creative writing courses:
CRWR 216
CRWR 217
CRWR 218
CRWR 219
or CRWR 281
Chair: SJohnston@okanagan.bc.ca

Graduation Requirements

The Diploma in Writing and Publishing may be granted for the successful completion of 60 credits of Okanagan College courses including at least 30 credits of 200-level courses as outlined. Only 30 credits of courses can be from a single discipline.

Advanced Certificate in Communication

The Advanced Certificate in Communication provides students with skills in applied communications. Students develop competence in areas such as professional writing, public relations theory and practice, management communications, marketing writing, and visual communication. Completion of the program will provide students with a valuable skill-set, applicable to every potential career. The certificate will be of interest to students who are looking to complement their previous post-secondary experience by focusing on an applied, career-related field.
The certificate features flexible completion of required courses, allowing students to complete the requirements as part-time and/or evening study. In addition, students can apply six credits of first-year Communications or English earned in previous post-secondary study toward the Advanced Certificate in Communication.

Admissions Requirements

Successful completion of 60 credits of post-secondary study from Arts, Science, or Business or an Engineering Technology diploma. In addition, students will need to demonstrate one of the two following options:

1. For students whose 60 credits of post-secondary study are in English as principal language of instruction, a minimum GPA of 67% in the Communications or English courses.
2. For students whose credits of post-secondary study are not in English as principal language of instruction, an IELTS score of 7.0 with a band no less than 6.5 in each of the four categories (Reading, Writing, Listening and Speaking) or alternatives as follows:

   TOEFL 101 with no score less than 94
   Cambridge 192 with no score less than 180

Applicants with tests other than these should connect with Admissions and the Communications department to determine an appropriate score.

Program Outline

The program allows for flexible completion and for student choice. Students can choose to register in whichever of the available Communications and English courses that are of most interest to them as long as they are not restricted to particular programs, in order to satisfy the graduation requirements. Please consult the Calendar for a complete list and contact the Chair of Communications for advice on currently available courses.

Graduation Requirements

The Advanced Certificate in Communication will be granted upon the successful completion of 18 credits, including six credits of first-year CMNS or ENGL, and 12 additional credits of CMNS, of which at least nine credits must come from courses numbered 300 or higher. Students may apply six credits of first-year CMNS or ENGL earned in previous post-secondary study toward the Advanced Certificate.

Concentration in Communication

The Concentration in Communication provides students with skills in applied communications. Students develop competence in areas such as professional writing, public relations theory and practice, management communications, marketing writing, and visual communication. Completion of the Concentration will provide students with a valuable skill-set, applicable to every potential career.

The Concentration will be of interest to degree students who are looking to strengthen their principal credential. Students enrolled in a four-year degree program at Okanagan College (i.e. the Bachelor of Business Administration or Bachelor of Computer Information Systems) can apply credits earned in the completion of electives in these programs toward a transcript notation awarding them a Concentration in Communication. These students may also apply six credits of first-year Communications or English earned in the completion of their principal credential toward the Concentration notation.

Program Outline

The program allows for flexible completion and for student choice. Students can choose to register in whichever of the available Communications and English courses are of most interest to them.

Completion Requirements

1. The Concentration in Communication will be granted upon the successful completion of 18 credits, including six credits of first-year Communications or English, and 12 additional credits of Communications, of
which at least nine credits must be from courses numbered 300 or higher.

2. Students may apply six credits of first-year Communications or English earned in the completion of their principal credential toward the Concentration notation.

**Applied Bachelor of Arts: Community Research and Evaluation**

Okanagan College offers a four-year Applied Bachelor of Arts degree, located at the Kelowna campus with limited course offerings at Salmon Arm, Vernon and Penticton campuses. This baccalaureate degree provides graduates with employable skills in applied research and an understanding of how the social sciences and liberal arts actively contribute to a culturally diverse sustainable society. Developed for the context of the southern interior of B.C., this program includes studies of regional Indigenous cultures and prepares graduates for direct contributions to local and regional issues. Through contextualized learning, the goal of the degree is to provide applied research skills within a context of liberal arts studies and applied social science, emphasizing an empirical orientation to understanding, to application of knowledge, and to intervention. Characterized by the strengths of a terminal degree that produces employable skills, this degree can also prepare students for admission to selective graduate studies programs. All graduates of this applied degree program will be ready for today's job market through mastery of higher-order analytical skills and techniques for applied research. Practical related field experience is a central component of the applied degree education.

This degree enables students to develop competencies in academic and professional writing, qualitative and quantitative analysis, critical thinking skills, ethics, applied research, program evaluation, multi-disciplinary world views, and languages other than English (including regional First Nations’ languages). Students will complete field experience (a practicum, field placement or co-operative education program in the fourth year) as well as a capstone project that will tie academic studies to relevant local and regional issues. The degree program develops and maintains scholastic strengths in students, requiring a minimum of 55% in each course counting toward the degree and a minimum cumulative grade average of 60% for all courses taken while in the program. For students seeking direct entry into the Master of Social Work Foundational Two-Year Track graduate studies program at UBC Okanagan, in addition to these degree requirements a minimum grade average of 76% in the upper level courses counting toward the degree is required.

**Community Research and Evaluation**

A community research focus of the Applied Bachelor of Arts degree provides students with pathways to applied social service work or potential for transition to graduate studies at UBC Okanagan. Students will be granted an Applied Bachelor of Arts: Community Research and Evaluation (ABA-CRE) degree upon completion of the following:

**Admission Requirements**

**Regular Applicants:**

Regular applicants have B.C. high school graduation (or equivalent) completed or are currently enrolled in Grade 12.

**Academic Requirements:**

B.C. high school graduation (or equivalent), including satisfaction of the English entrance and Mathematics entrance requirements. The English entrance requirement is completion of English 12 with a minimum grade of 70%. Equivalent English 12 alternatives can be accessed at this link.

Applicants who have passed English 12 with a minimum grade of less than 70% may be admitted if they take Okanagan College Adult Basic Education English 012 concurrent to other courses in their first semester in the degree program.

Applicants who have passed English 12 with a minimum grade of less than 70% may be admitted if they take Okanagan College Adult Basic Education English 012 concurrent to other courses in their first semester in the degree program.

The Mathematics entrance requirement is a minimum of 50% in any of Pre-calculus Grade 12, Principles of Mathematics 12, or Adult Basic Education MATH 012. Students without this Mathematics entrance requirement may be granted conditional admission if they satisfy the entrance requirement with OC MATH 012 in their first year in the degree program. Conditional admission students will be unable to register for any course where MATH 012 is a prerequisite until such time as the Mathematics entrance requirement is satisfied.

**Mature Applicants:**

Applicants shall be eligible for consideration for admission under the mature applicant category if they are at least 21 years old and have been out of full-time high school study for at least three years. The English and Mathematics entrance requirements for students admitted as mature applicants must be satisfied with successful completion of ENGL 012.
concurrent to other courses in their first semester in the degree program, and successful completion of MATH 012 in the first year of study at Okanagan College. Students must satisfy these English and Math requirements to retain standing in the degree program.

Program Outline

Year One Course Requirements (30 credits)

Required Foundation courses (24 credits)

3 credits of Anthropology:

**ANTH 121** Introduction to Cultural Anthropology

6 credits of English or Communications:

**ENGL 100** University Writing

**ENGL 153** Critical Writing and Reading: Narrative

Or:

**CMNS 112** Professional Writing I

**CMNS 122** Professional Writing II

3 credits of Interdisciplinary Studies (one of):

**GSWS 100** Introduction to Gender, Sexuality, and Women's Studies

**GSWS 215** Gender and Popular Culture

3 credits of Philosophy:

**PHIL 114** Introduction to Logic and Critical Thinking I

6 credits of Psychology:

**PSYC 111** Introduction to Psychology: Basic Processes

**PSYC 121** Introduction to Psychology: Personal Functioning

3 credits of Sociology:

**SOCI 111** Introduction to Sociology I

Elective Foundation Courses (6 credits)

3 credits of Science (one of):

**BIOL 112** Evolution and Ecology

**COSC 180** Multimedia Computing

3 credits from the following (one of):

**ECON 210** Women and the Economy

**GEOG 128** Human Geography: Space, Place and Community

**POLI 111** The Government of Canada

**SOCI 202** Introduction to Social Problems

**SOCI 203** Canadian Social Issues

Year Two course requirements (30 credits)

Required Foundation courses (27 credits)

3 credits of Anthropology:

**ANTH 222** Indigenous Peoples of the BC Interior

6 credits of First Nations/Indigenous Language (one of):

**FNIL 110** Indigenous Regional Languages I

**FNIL 120** Indigenous Regional Languages II

6 credits of Indigenous Studies:

**INDG 201** Okanagan Indigenous Peoples' History

**INDG 202** Okanagan Concepts and Frameworks

6 credits of research skills:

**PSYC 260** Introduction to Research Methods and Design

**PSYC 270** Statistics and Data Analysis

6 credits of Social Work:

**SOCW 200A** An Introduction to Social Work Practice

**SOCW 200B** An Introduction to Social Welfare in Canada

Elective Courses

3 credits from the following (one of):

**ANTH 212** Indigenous Peoples of BC Coast

**SOCI 202** Introduction to Social Problems
**SOCI 203** Canadian Social Issues

**PHIL 211** Ethics

**PHIL 240** Social and Political Philosophy

**PHIL 241** Contemporary Moral Issues

Year Three Course Requirements (30 credits)

Required Courses (24 credits)

9 credits of Social Work:

**SOCW 309** Interview & Assessment Skills

**SOCW 320** Case Management andTransition to Field Placement

**SOCW 321** Social Policies: Protection and Welfare of the Child and Family

3 credits of Political Science:

**POLI 219** Canadian Public Administration

6 credits of Psychology:

**PSYC 348** Evidence-Based Practice: Therapies

**PSYC 365** Qualitative Methods & Analysis

3 credits of Professional Ethics (one of):

**PHIL 411** Professional Ethics

**IDST 400** Professional Codes of Ethics

3 credits of Sociology (one of):

**SOCI 202** Introduction to Social Problems

**SOCI 203** Canadian Social Issues

Elective Courses:

6 credits from the following (two of):

**ANTH 212** Indigenous Peoples of BC Coast

**IDST 200** Psychosocial Cultural Challenges Across the Lifespan

**PHIL 211** Ethics

**PHIL 240** Social and Political Philosophy

**PHIL 241** Contemporary Moral Issues

**PSYC 242** Abnormal Psychology

**PSYC 341** Theory of Personality

Year Four Course Requirements (30 credits)

Required Courses (21 credits):

9 credits of field experience:

**ARTS 498** Field Placement

6 credits of Capstone Project:

**ARTS 499** Capstone Project

3 credits of Program Evaluation

**PSYC 470** Program Evaluation

3 credits of Social Work

**SOCW 410** Individual and Environmental Intervention

Elective Courses (9 credits)

Upper-level electives (300 or 400-level courses in Arts)*

*Note: From the required and elective courses of this degree program, students will have met upper elective course prerequisites in Communications, selective courses in English, Interdisciplinary Studies, Philosophy, Political Science, Psychology, Sociology and Social Work. Other areas' upper-level courses may require additional course prerequisites or permission of the relevant department.

**Graduation Requirements**

To receive an Applied Bachelor of Arts: Community Research and Evaluation a student must earn at least 120 credits as prescribed in the degree program outline. A minimum Cumulative Grade Average of 60% is required to be eligible for graduation with the ABA degree, and only course grades of 55% or greater will contribute to the credits necessary for graduation.

**Residency Requirements**

Students who transfer to Okanagan College may be eligible for a maximum of 75 transfer credits toward the Applied Bachelor of Arts at Okanagan College while meeting all graduation requirements for the degree program. Students must complete a minimum...
of 33 credits at the 300- or 400-level at Okanagan College to receive an OC Applied Bachelor of Arts. Courses granted transfer credit must have been completed within 10 years of the student's commencement in the ABA degree program. Students with a baccalaureate level credential recognized by Okanagan College may receive up to 60 credits toward the applied degree and are not subject to the within 10 years transfer rule.

University Studies - Science

Associate of Science Degree

The Associate of Science degree is a provincial credential offered by many institutions in the BC Transfer System. The associate degree provides an educational experience that prepares students for life as an educated person, and lays a solid foundation for further study.

The associate degree curriculum consists of two years of university-level study in a variety of academic areas. Students are required to complete a broad range of course offerings balanced with in-depth study in specific disciplines. Since many students will continue their studies, the requirements are sufficiently flexible to enable students to complete the required prerequisites for upper-level course work in their intended major. Students will be exposed to a program of study that seeks to develop:

- an interest in and curiosity about the world around them
- an understanding of the global context in which they live and work
- an appreciation of intellectual thought and human creativity
- an openness to a variety of viewpoints
- a capacity for and interest in self-directed life-long learning
- an acceptance of the social responsibilities that come with the benefits of advanced learning.

In addition, the program of study should develop and improve those skills essential for academic success at an advanced intellectual level. They include but are not limited to:

- advanced reading comprehension
- effective written and oral communications
- mathematical and scientific reasoning
- computer and technological literacy
- research and evaluative skills
- analysis, synthesis, and integration of knowledge
- critical thinking and problem solving
- application of theoretical understanding to practice
- working collaboratively.

Admission Requirements

B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

English Entrance Requirement:

English 12 with minimum 60% or alternatives.

Students who do not satisfy the English entrance requirement will be admissible to the first year of the Associate of Science program, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites.
2. Students must successfully complete the English entrance requirement, as stated above, within their first year of studies.

Math Entrance Requirement:

A minimum of 50% in any of:

- Pre-calculus Grade 12
- Principles of Mathematics 12
- Adult Basic Education MATH 012

Or a minimum of 64% on the Calculus Readiness Test

Students who do not satisfy the Mathematics entrance requirement will be admissible to the first year of the Associate of Science program, subject to the following conditions:

1. Registration is restricted to courses for which the student satisfies the prerequisites.
2. Students who do not satisfy the Mathematics entrance requirement are strongly advised to register in MATH 120 (Pre Calculus). Successful completion of this course will
satisfy the Mathematics entrance requirement.

- Students must successfully complete the Mathematics entrance requirement, as stated above, in their first year of studies.

**Secondary School Calculus**: Students enrolling for the first time at Okanagan College who have completed or are registered in a secondary-school calculus course are eligible to write the UBC-SFU-UVic-UNBC Calculus Examination. Students who pass this examination with a grade of 50% or better will be given the option of receiving credit for MATH 112 with a grade equal to the grade obtained on the examination or taking MATH 112 for credit.

There is an $88 non-refundable fee for the Calculus Examination. It must be paid to the sponsoring institution. It is the responsibility of the student to contact the sponsoring institution regarding the dates and locations of the examination, since these will change depending on the sponsoring institution. It is also the responsibility of the student to obtain a letter from the sponsoring institution stating the grade achieved on the examination. This letter is the document that Okanagan College will use to administer the policy.

This policy applies to students who are enrolling at Okanagan College for the first time. A student who opts to take MATH 112 for credit cannot, at a later date, request that their grade on the Calculus Examination be used in place of the grade they received in MATH 112, even if the student withdraws.

**Program Outline**

Students who plan on transferring to complete a BSc degree should ensure that they complete the following requirements:

**Six 100-Level English Credits**

Students should complete two of the following:

- ENGL 100
- ENGL 150
- ENGL 151
- ENGL 153

**Recommended 100-Level Science credits**

- MATH 112
- MATH 122

(totals of 6 credits)

- CHEM 111
- CHEM 121
- or CHEM 112
- and CHEM 121

(totals of 6 credits)

- PHYS 111
- and PHYS 121
- or PHYS 112
- and PHYS 122

(totals of 6 credits)

Six elective Arts or Science credits

The following Science elective courses are recommended:

- ASTR 110
- and ASTR 120
- ASTR 111
- and ASTR 121
- BIOL 111
- and BIOL 121
- COSC 111
- and COSC 121
- COSC 122
- EESC 111
- and EESC 121
- GEOG 111
- and GEOG 121

Second-Year Requirements

Specific second-year courses are required for some majors. Students planning to transfer after second year, should consult the calendar of the university.
they plan to transfer to for second-year course requirements.

Courses with Laboratories

In many science courses that include both a lecture component and a laboratory component, students are required to complete and pass each part independently in order to pass the course. Students should be aware of all the requirements that must be met to attain a passing grade in any course.

**Associate of Science Degree:**

**Discipline Emphasis**

In meeting the above requirements, the Associate of Science Degree can be structured by the student to reflect emphasis on a particular discipline from the options outlined below. The student is advised to verify with the appropriate Department Chair that the specific courses will be offered within a two-year cycle if the student intends to complete the Associate Degree in two years.

**Biology Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Science Degree, the student pursuing a Biology Emphasis must complete specific courses. Specifically, as part of the Associate of Science Degree requirements, the student must complete:

- BIOL 111 Biology for Science Majors I
- BIOL 121 Biology for Science Majors II
- CHEM 111

and

- CHEM 121

or

- CHEM 112

and

- CHEM 121

- CHEM 212

and

**Chemistry Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Science Degree, the student pursuing a Chemistry Emphasis must complete specific courses. Specifically, as part of the Associate of Science Degree requirements, the student must complete:

- CHEM 111

and

- CHEM 121

- CHEM 211 Physical Chemistry

- CHEM 212
and

**CHEM 222**

**CHEM 221** Inorganic Chemistry

**CHEM 226** Introduction to Analytical Chemistry

**MATH 122** Calculus II

**MATH 212** Calculus III

**MATH 221** Introduction to Linear Algebra

**Computer Science Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Science Degree, the student pursuing a Computer Science Emphasis must complete specific courses. Specifically, as part of the Associate of Science Degree requirements, the student must complete:

**COSC 111**

and

**COSC 121**

**COSC 211** Machine Architecture

**COSC 221**

or

**MATH 251**

**COSC 222** Computer Data Structures

**COSC 231** Principles of Computer Science

**MATH 122** Calculus II

**MATH 212** Calculus III

**MATH 221** Introduction to Linear Algebra

**Mathematics and Statistics Emphasis**

As a means of satisfying all of the requirements outlined above for an Associate of Science Degree, the student pursuing a Mathematics and Statistics Emphasis must complete specific courses. Specifically, as part of the Associate of Science Degree requirements, the student must complete:

**COSC 111**

and

**COSC 121** Computer Programming II

**MATH 122** Calculus II

**MATH 201** Mathematical Structures and Proofs

**MATH 212** Calculus III

**MATH 221** Introduction to Linear Algebra

One of:

**COSC 221**

**, **

**MATH 225**

**, **

**MATH 251**

**, **

**STAT 230**

**PHYS 200**

**Graduation Requirements**

The Associate of Science Degree is granted upon completion of 60 credits of prescribed study (below). A student with an Associate of Science Degree if admitted to B.C. universities is guaranteed full transfer credit (60 credits) for the work done for their Associate Degree.

In two B.C. universities (SFU and UNBC), a student with an Associate of Science Degree will be offered priority admission to the Faculty of Science (subject to a minimum GPA determined by the university). Check the B.C. Council on Admissions and Transfers website for updated information on B.C. Associate degrees at [http://www.bctransferguide.ca](http://www.bctransferguide.ca).

Courses used to complete the Okanagan College Associate of Science Degree must have transfer credit to at least one B.C. research university (Simon Fraser University, University of British Columbia, University of Northern British Columbia, University of Victoria).
No course may be used to meet more than one of the specific requirements.

The Associate of Science Degree is granted upon the successful completion of the following courses:

- Two of the following: ENGL 100, ENGL 150, ENGL 151, or ENGL 153.
- MATH 112 and at least one other three-credit course in Mathematics. MATH 120 (Pre-Calculus) can be used for the second mathematics course, however, the student should be aware that some institutions will not accept this course for credit toward a science degree.
- At least 12 credits (4 courses) from:
  - BIOL 111 or BIOL 121
  - CHEM 111 or CHEM 112
  - CHEM 121
  - PHYS 111 or PHYS 112
  - PHYS 121 or PHYS 122
- At least 24 other credits in Science, which shall include a minimum of six courses (18 credits) in Science at the second-year level taken in two or more subject areas.
- At least two three-credit courses in Arts other than English.
- At least two three-credit courses in Arts, Science or other areas.

A total of 60 credits (at least 20 courses) of first- and second-year courses with a minimum average of 60% calculated from all courses counting towards the Associate of Science degree.

**Diploma in General Studies**

**Admission Requirements**

Please see Associate of Science Degree.

**Graduation Requirements**

The Diploma in General Studies may be granted for the successful completion of 60 credits of Okanagan College courses including at least 18 credits of 200-level courses. Only 30 credits of courses can be from a single discipline.

**Analytical Chemistry Technology Diploma**

*This program is subject to government funding and will not be offered in 2010-11. The implementation date will be announced. Please watch for further updates.*

The Diploma in Analytical Chemistry Technology (ACT) trains students as chemical technologists in industry-relevant and employment-ready instrumental analysis skills. The ACT program is a two-year, four-semester program that requires the completion of 70 credits of coursework. The program provides graduates with a solid understanding of the protocols common to analytical laboratories including sampling and sample preparation, quality assurance, quality control, quality assessment, instrumental analysis and calibration, data processing and interpretation, and reporting. In particular, this program involves thorough integration of statistical analysis and quality assurance / quality control (QA/QC) within its curriculum while stressing effective and relevant report writing and communication skills. Students will also receive extensive experience with a variety of the modern instruments they will encounter in future work environments, will be trained in safe and environmentally sound laboratory practices, will develop technical writing and public presentation skills, and will gain experience in the team-work approach to problem solving. Graduates of the ACT program will acquire instrumental analysis skills that will enable them to readily enter laboratories, becoming productive employees with a minimum of specific job orientation and training.

Graduates can seek employment as trained chemical analysts in a wide variety of laboratories in industry, government, and institutions. These could include academic, environmental, chemical, mining and smelting, pulp and paper, petrochemical, food, beverage, brewer and vintner, and health laboratories. Graduates of the ACT program may have the option of pursuing Bachelor of Technology programs at other institutions in British Columbia and across Canada, or other Bachelor degrees that have completion of a two-year diploma level program as the admission requirement. The College is currently seeking national accreditation for this program by the Canadian Technology Accreditation Board (CTAB) which would allow graduates to be eligible for professional registration as an Applied Science Technologist (A.Sc.T.) after two years of related work experience.

**Admission Requirements**

Grade 12 graduation or equivalent; and

- A minimum grade of 60% in one of: English 12, English 12 First Peoples or TPC 12, an equivalent Provincial Level ABE English course; or a minimum score of 24/40 (level 4) on the Language Proficiency Index.
• A minimum of 60% in any of:
  ○ Pre-calculus Grade 12
  ○ Principles of Mathematics 12
  ○ Foundations of Mathematics Grade 12
  ○ Applications of Mathematics 12
  ○ Adult Basic Education MATH 012
  ○ Okanagan College MATH 120
• Or a minimum of 67% in any of:
  ○ Pre-calculus Grade 11
  ○ Principles of Mathematics 11
  ○ Adult Basic Education MATH 011
• A minimum grade of 67% in Chemistry 11 or equivalent Advanced Level ABE Chemistry course; Chemistry 12 or equivalent Provincial Level ABE Chemistry course is strongly recommended.
• A valid Occupational First Aid Level 1 Certificate obtained within 12 months of admission to the ACT program and a WHMIS certificate.

The Analytical Chemistry Technology program stresses the use of computers in all courses. The successful completion of an introductory course in computers, keyboarding skills of 20 wpm, or computer experience is strongly recommended.

**Residency Requirements**

Completion of a minimum of 35 credits of study at Okanagan College.

**Program Outline**

Semester I

- CHEM 112 Introductory Chemistry I
- CMNS 113 Technical Communication for Information Technology
- COSC 171
- MATH 136
- PHYS 117 Physics for Analytical Chemistry Technology
- STAT 121 Elementary Statistics

Semester II

- CHEM 122 Introductory Chemistry II
- CHEM 226 Introduction to Analytical Chemistry
- PHYS 227 Instrumentation Physics for Analytical Chemistry Technology (ACT)
- CHEM 161 Industrial Chemical Processes I
- CHEM 162 Environmental Chemistry
- CHEM 163 Analysis Quality Assurance and Quality Control

Semester III

- CHEM 251 Industrial Chemical Process II
- CHEM 252 Chromatographic Analysis I
- CHEM 253 Physical Chemical Processes
- CHEM 254 Spectroscopic Analysis
- CHEM 255 Applied Organic Chemistry
- CMNS 143 Technical Writing and Communications II

Semester IV

- CHEM 261 Laboratory Instrumentation
- CHEM 262 Chromatographic Analysis II
- CHEM 263 Applied Biochemistry
- CHEM 264 Mineral Processing and Assaying
- CHEM 265 Petroleum Chemistry
- CHEM 266 Laboratory Management

**Graduation Requirements**

Graduation from the Diploma in Analytical Chemistry Technology requires the completion of 70 required credits.

**Applied Ecology and Conservation Diploma**

The Applied Ecology and Conservation (AEC) program provides students with the employment skills needed for work as conservation field technicians. The program is based on a core of university studies courses that allow students the option of exiting with a Certificate after completion of one year, continuing to the two-year Diploma or transferring into a Bachelor of Technology or Bachelor degree program in Biology, Environmental Science, and Geography at other post-
secondary institutions in British Columbia and elsewhere.

The Applied Ecology and Conservation program is unique in providing students with an understanding of both western science and First Nation ecological knowledge systems. Both knowledge systems are integral components of conservation research and regulation. Instruction is provided by both Okanagan College and the Okanagan Nation Indigenous educational institution, the En’owkin Centre. The En’owkin Centre provides expertise for the Traditional and Aboriginal Ecological Knowledge (TEK and ATK) components of the program. Skills are applicable to a variety of ecosystems. Field experiences are taught within the context of one of the most threatened ecosystems in Canada, the south Okanagan, an area with the highest biodiversity and the most species at risk in Canada.

The program provides a solid foundation of conservation and best-practices protocols common to field studies. Students learn principles and theories of biology, applied ecology, conservation, geography, TEK and ATK for a variety of ecosystems. The program covers plant and animal species identification, sampling, data processing and interpretation, safe and environmentally sound field practices, effective report and technical writing, public presentation skills and familiarity with Canada’s Species At Risk Act (SARA). Graduates of the AEC program will be prepared for field technician jobs in environmental assessment, forestry, fisheries, mining, and petrochemical fields with First Nations agencies, industry, and non-governmental organizations.

Graduates may also choose to continue their academic studies by transferring to programs other post-secondary institutions.

Certificate: The one-year Certificate requires successful completion of 30 credits of prescribed courses from semesters 0, 1, 2, (if necessary) 3.

Diploma: The two-year Diploma requires successful completion of 60 credits of prescribed courses.

Part-time study: Students may also choose to pursue part-time studies and complete the program over a longer period of time.

Following approval and implementation of the program Okanagan College will seek industry accreditation for AEC certificate graduates from the Canadian Council of Technicians and Technologists (CCTT). Additionally, Diploma students may apply, upon completion of their Diploma, to gain the following two credentials: EPts (Environmental Professionals-in-training) from ECO Canada and R.B. Tech. (Registered Biology Technologist in Training) from the College of Applied Biology of British Columbia. External agencies may require students to complete additional written examinations and/or practical competency evaluations and pay additional fees.

Admission Requirements

Regular Applicants: A regular applicant will be a secondary graduate or a secondary school student, or its equivalent, who has or who will complete the requirements for senior secondary graduation, or its equivalent, not less than one month prior to commencement of classes for the semester to which admission is sought - either fall or winter. The following minimum entrance requirements will apply to regular applicants:

- BC secondary graduation, or equivalent.
- English Entrance Requirement:
  - English 12 with minimum 60% or alternatives.
  - Students who do not satisfy the English entrance requirement will be admissible to the Applied Ecology and Conservation program, subject to the following condition:
    - Registration is restricted to courses for which the student satisfies the prerequisites. Registration in first-year English courses is, therefore, prohibited.
- Mathematics Entrance Requirement:
  - A minimum of 50% in any of:
    - Pre-Calculus Grade 11
    - Foundations of Mathematics Grade 11
    - Principles of Mathematics 11
    - Applications of Mathematics 11
    - Adult Basic Education MATH 011
    - Adult Basic Education MATH O84 and MATH 085
    - Adult Basic Education IALG 011
  - Note that students wishing to proceed beyond the diploma to a degree may need additional mathematics to transfer to the degree program. Students must check with the institution where they
plan to continue their study for complete details.

- Students who do not satisfy the Mathematics entrance requirement will be admissible to the Applied Ecology and Conservation program, subject to the following condition:
  - Students must satisfy the Mathematics entrance requirement within one year of starting the program.

**Mature Applicants:**
Mature applicants are at least 19 years of age and will not have attended secondary school on a full-time basis for a minimum period of one year. Secondary graduation is waived for mature applicants. The English entrance requirements, as stated above, must be satisfied prior to admission. Admission may be granted on the condition that the entrance requirements will be completed prior to the commencement of classes for the semester to which admission is sought - either fall or winter.

**Certificate and Diploma Graduation Requirements**

The **Applied Ecology and Conservation Certificate** is granted upon completion of thirty (30) credits of prescribed study with a minimum grade of 50% for all courses counting towards the certificate.

The **Applied Ecology and Conservation Diploma** is granted upon completion of sixty (60) credits of prescribed study with a graduating grade average of 60%.

**Fall - Year 1**

- **ECCO 151**
- **BIOL 151**
- **EESC 111** Earth and Environmental Science

**Plus one of:**

- **ENGL 100** University Writing
- **ENGL 150** Critical Writing and Reading: Poetry and Drama

**Winter - Year 1**

- **EC 152**
- **BIOL 152**
- **BIOL 153**

- **GEOG 210** Introduction to Environmental Issues

**Plus one of (but not the same course as the previous semester):**

- **ENGL 100** University Writing
- **ENGL 150** Critical Writing and Reading: Poetry and Drama
- **ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**Summer - Year 1**

- **ECCO 150**
- **BIOL 150** Natural History of the Okanagan

**Fall - Year 2**

- **ECCO 280**
- **BIOL 280**
- **BIOL 281**

- **GEOG 270** Geographic Data Analysis

**Winter - Year 2**

- **ECCO 281**
- **BIOL 283**
- **BUAD 100**

- **GEOG 272** Introduction to Cartography, GIS and Remote Sensing

**Plus one of:**

- **ENGL 100** University Writing
- **ENGL 150** Critical Writing and Reading: Poetry and Drama

**Plus one of:**
**Applied Science (Engineering Program)**

Okanagan College offers one year of science course credit towards the completion of a degree in engineering (applied science) at three of the provincial universities: the University of British Columbia, the University of Victoria and Simon Fraser University.

Students interested in completing an Engineering degree at these universities must apply for admission to the **Associate of Science Degree** program (see Associate of Science degree admission requirements.) For further details on engineering requirements, contact any of the Okanagan College Engineering Technology department offices or the respective university.

**Program Outline**

The following is a recommended program outline.

**To transfer to UBC Okanagan or UBC Vancouver**

**Fall Semester**

- **CHEM 111** Principles of Chemistry I
- **COSC 111** Computer Programming I
- **ENGL 100** University Writing
- **MATH 112** Calculus I
- **PHYS 111** Calculus-Based Physics I

**Winter Semester**

- **CHEM 121** Principles of Chemistry II
- **MATH 122** Calculus II
- **MATH 221** Introduction to Linear Algebra
- **PHYS 121** Calculus-Based Physics II
- **PHYS 202** Engineering Mechanics I

In addition, a 100-level or higher Humanities/Social Sciences elective may be completed.

**To transfer to University of Victoria**

https://www.uvic.ca/engineering/current-students/planning/index.php click on the program planning sheet for the program you plan to pursue

**Fall Semester**

- **CHEM 111** Principles of Chemistry I
- **COSC 111** Computer Programming I
- **ENGL 100** University Writing
- **MATH 112** Calculus I
- **PHYS 111** Calculus-Based Physics I

**Winter Semester**

- **CHEM 121** Principles of Chemistry II
- **COSC 121** Computer Programming II
- **MATH 122** Calculus II
- **MATH 221** Introduction to Linear Algebra
- **PHYS 121** Calculus-Based Physics II

*Students planning to take Software Engineering should take COSC 121 instead of CHEM 121 In addition, a Humanities/Social Sciences elective may be completed.

https://www.uvic.ca/engineering/assets/docs/student-forms/Complementary-Studies-Electives.pdf

**To transfer to Simon Fraser University**

Below is a partial list of courses that transfer to SFU. Contact an Advisor in the Faculty of Applied Science at Simon Fraser University asadvise@sfu.ca for further course options.

**Fall Semester**

- **CHEM 111** Principles of Chemistry I
- **MATH 112** Calculus I
- **PHYS 111** Calculus-Based Physics I
- **ECON 115** Principles of Microeconomics

**Winter Semester**

- **MATH 122** Calculus II
- **PHYS 111** Calculus-Based Physics I
- **ECON 115** Principles of Microeconomics
PHYS 121 Calculus-Based Physics II

Bachelor of Science in Wood Products Processing (UBC transfer program)

Okanagan College offers a university transfer program enabling students to enter into year two of UBC's five-year BSc program in Wood Product Processing. This program has been modelled after similar programs which have been successful in Europe. It is designed to provide technically-capable graduates for entry-level positions in the management of wood products manufacturing companies. Wood, a renewable resource, is a critical component of Canada's economy. Graduates with a sound technological and management background are needed to guide this industry into the future.

The UBC program has strong industry support in the form of scholarships and guaranteed employment. The co-operative education format of the program is recommended, as it includes five paid work terms in the industry and provides students with valuable experience.

Program Outline

Students in the Okanagan College transfer program must attain a minimum grade of 60% in all courses attempted.

Wood Products Processing - Transfer program (if taken at Okanagan College)

(a) 21 credits consisting of:

MATH 112
(UBC: MATH 100)

MATH 122
(UBC: MATH 101)

PHYS 111
* (UBC: PHYS 101)

PHYS 121
* (UBC: PHYS 102)

CHEM 111

/ CHEM 121

or CHEM 112

/ CHEM 122

(UBC: CHEM 121/123 or CHEM 111/113)

ENGL 100
(UBC: ENGL 112)

(b) nine additional general elective credits which are transferable to UBC. Suitable general elective credits include (but are not limited to):

ECON 115
(UBC: ECON 101)

COSC 111
or COSC 122
(UBC: CPSC 1st year)

Students wishing to select other general electives are advised to visit the online transfer guide at www.bctransferguide.ca to determine equivalent UBC credit.

* The Okanagan College PHYS 112/122 stream is not sufficient to meet the physics requirement of the Wood Processing degree program.

Concentration in Data Science and Statistics

The Concentration in Data Science and Statistics provides students with skills in applied Data Science and applied Statistics. Students develop competence in areas such as data visualization, machine learning, regression, big data and modern statistical algorithms. Completion of this Concentration will provide students with a valuable skill-set that is applicable to a wide variety of careers.

A concentration in Data Science and Statistics will be of interest to degree students looking to strengthen their principal credential. Students enrolled in a four year degree program at Okanagan College (such as the BBA program) can apply credits earned in the completion of electives in these programs toward a transcript notation awarding them a Concentration in Data Science and Statistics.
Graduation Requirements

The Concentration in Data Science and Statistics will be granted upon the successful completion of 18 credits including DSCI 300, DSCI 310, either MATH 314 or MATH 221 (note that MATH 221 has a MATH 112 prerequisite and a MATH 122 co-requisite), one of STAT 121 (minimum grade of 70%), STAT 124 (minimum grade of 70%) or STAT 230, and any 2 courses with the STAT prefix at at least a 300 level or any courses with a DSCI prefix (other than 300 and 310).

Kinesiology Diploma (see Health & Social Development)

Please see Human Kinetics Diploma.

Honours Bachelor of Science - Oenology and Viticulture (Brock University transfer program)

This university transfer program enables students to enter directly into year two or three of the Honours Bachelor of Science program in Oenology and Viticulture at Brock University in St. Catharines, Ontario. This undergraduate degree program in oenology and viticulture is the only one of its kind in Canada. The program provides students with a comprehensive scientific education and practical skills related to oenology and viticulture, as well as exposure to marketing and tourism. Graduates may choose to work in a vineyard or winery, pursue graduate studies, become researchers or owners and operators of a vineyard or winery.

The Oenology and Viticulture program considers industry experience to be an essential part of the students' preparation. In order to gain that experience, all students must complete three co-op work terms. Each student is required to do one work-term.

These work terms will be paid positions within the grape and wine industry. Most work terms are within Canada, however, suitable international work terms may be used to meet the program requirements. In addition to the current fees for courses and materials, co-op students are assessed administration fees. For more information on co-op education programs at Brock, please contact Brock University Co-op Programs Office at http://www.brocku.ca/co-op.

Students who have satisfactorily completed all or most of the courses listed below will be admitted directly to the Brock University Oenology and Viticulture BSc program. Students in the Okanagan College transfer program must attain a minimum grade of 70% in all courses to be transferred.

Admission Requirements

- Apply for admission to the Associate of Science Degree program.
- Apply for admission to the Wine 21 and VIT 22 courses through Continuing Studies at the Penticton campus.

Program Outline

Year One

WINE 21

(Brock: OEVI 1P20: Introduction to Wines)

BIOL 111

and BIOL 121

(Brock: BIOL 1F90: Concepts in Biology)

CHEM 111

and CHEM 121

(Brock: CHEM 1P92: Chemical Principles and Properties)

MATH 112

(Brock: MATH 1P97: Differential & Integral Methods)

PHYS 112

(Brock: PHYS 1P23: Fluid, Heat and Light)

STAT 121

(Brock: MATH IP98: Basic Statistical Methods)

Year 1 Humanities transferable for 1.0 University Credit (2)

(Brock: Humanities Context Requirement)

Year Two

VIT 22
and **VIT 23**  
(Brock: Unspecified year-2 science elective, may be used to satisfy "take one of" requirements in years 3 &4 or as an unspecified elective.)

**BIOL 251**  
(Brock: BIOL 2P94: Plant Biology: Growth and Development (used in year 3))

**BIOL 228**  
(Brock: BIOL 2P98: Principles of Microbiology (used in year 3))

**CHEM 211**  
(Brock: unspecified elective)

**CHEM 212**  
(Brock University Course: CHEM 2P20: Organic Chemistry I)

**CHEM 222**  
(Brock: CHEM 2P21: Organic Chemistry II)

**CHEM 226**  
(Brock: CHEM 2P42: Analytical Chemistry)

Year-1 Social science transferable for 1.0 University credit (2)  
(Brock: Social Sciences Context Requirement)

Any course transferable for 0.5 University credit (2)  
(Brock: must be transferable to Brock University)

(1) No transfer credit if taken by distance education.

(2) Consult with your program advisor and the Brock OEVI program advisor.

(3) Both VIT 22 and VIT 23 must have been successfully completed or no transfer credit will be granted.

Years Three and Four (at Brock University)

*Students who have completed the courses listed in years one and two apply directly to Brock University for admission as a transfer student. Contact Brock University for entrance requirements. Application to Okanagan College is not necessary.*

Courses to be completed at Okanagan College are listed above. Note that Wine 21 and VIT 22 are offered at the Penticton campus. First-year science courses are offered at Okanagan College campuses in Penticton, Kelowna, Vernon and Salmon Arm. Some second-year science courses are offered at the Kelowna campus and some may be offered at the Vernon campus. BIOL 241 and BIOL 311 are not offered at Okanagan College.

The Cool Climate Oenology and Viticulture Institute at Brock University also offers a Certificate in Grape and Wine Technology. This certificate program is intended for those students with a science degree or appropriate grape and wine industry experience who want to improve their academic background in this field. Contact Brock University for more information.

Brock University  
Cool Climate Oenology & Viticulture Institute  
St. Catharines, Ontario L2S 3A1  
Telephone: 905-688-5550, ext. 4652  
E-mail: CCOVI@brocku.ca  
Web: [http://www.brocku.ca/ccovi](http://www.brocku.ca/ccovi)

**Bachelor of Computer Information Systems Degree**

The Bachelor of Computer Information Systems degree is a four-year program which includes a broad selection of computing, mathematics, business, and communications courses so graduates can function successfully in a variety of roles in the Information Technology field.

The courses are grouped into required courses (which all students take), courses from one or more options (an option is a collection of courses dealing with a specific area of computing), and elective courses. This structure allows students to concentrate on areas of computing (Software Design and Development, Database Systems and General Studies) which interest them, while ensuring all graduates have a broad knowledge of computing. With further independent study, graduates may earn industrial certification from companies such as Oracle, IBM, Cisco or Microsoft.

The BCIS degree is available as a co-op program. Taking co-op work terms may lengthen the program by one year or more.

*Students who have completed Okanagan College's Computer Information Systems diploma or the*
Network and Telecommunications Engineering Technology diploma, or a similar program of studies may enter at year three. Other students enter at year one.

**Admission Requirements**

B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

**English Requirements:** English 12 with 60% or **alternatives**.

**Math Requirements:**

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Principles of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Or a minimum of 67% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 12
- Foundations of Mathematics Grade 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Applications of Mathematics 12
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 70% in any of:

- An Okanagan College Mathematics 11 Proficiency Test
- An Okanagan College Mathematics 12 Proficiency Test

**Other Requirements:** Attendance at a mandatory orientation. Applicants will be notified of dates.

**Applicants to third year:** Students who have completed Okanagan College's Computer Information Systems diploma, Infrastructure and Computing Technology diploma, or a similar program of studies from another institution may enter at year three.

**Keyboarding Skills:** Keyboarding skills of at least 20 wpm are strongly recommended.

**Access to a Personal Computer:** Students entering this program are strongly advised to have access to a personal computer at home with Internet access, both with adequate resources for this level of study. Students may consult the Computer Science Department for hardware and software recommendations.

**Personal Suitability:** Prospective applicants should consider assessing their suitability for the program by researching Computer Information Systems.

**Program Outline**

Courses required by all students - 78 credits

BUAD elective

(Consider choosing from BUAD 111, 113, 116, 123, 128, 176, or 209. Other BUAD courses may be acceptable with the permission of the Computer Science department chair. BUAD 107 is not acceptable.)

First Year

- **COSC 109** Technical Aspects of Operating Systems
- **COSC 111** Computer Programming I
- **COSC 121** Computer Programming II
- **COSC 126** Systems Analysis and Design
- **COSC 131** Visual Programming

One of:

- **COSC 118** Networks and Telecommunications I
  or **NTEN 117** Networks and Telecommunications I

BCIS students: Please register in COSC 118 (not NTEN 117).

One of these combinations (two courses.) CMNS courses are preferred.

Both

- **CMNS 113** Technical Communication for Information Technology
  and
- **CMNS 123** Analysis and Reporting for Information Technology
Both

**CMNS 112** Professional Writing I

and

**CMNS 122** Professional Writing II

Two of:

**ENGL 100** University Writing

**ENGL 150** Critical Writing and Reading: Poetry and Drama

**ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**ENGL 153** Critical Writing and Reading: Narrative

**ENGL 199** Arts Studies in English

(but not both ENGL 100 and ENGL 199)

One of these combinations

**MATH 139** Mathematics for Information Technology

and one of:

**COSC 221** Introduction to Discrete Structures

or **MATH 251** Introduction to Discrete Structures

or **MATH 231** Introduction to Cryptography

Or

**MATH 112** Calculus I

and one of:

**MATH 122** Calculus II

or **MATH 221** Introduction to Linear Algebra

Second Year

**COSC 205** Project Management

**COSC 211** Machine Architecture

**COSC 213** Web development with LAMP

**COSC 219** Client-side Web Systems

**COSC 222** Computer Data Structures

**COSC 224** Projects in Computer Science

**COSC 236** Object-Oriented Systems Analysis and Design

**COSC 304** Introduction to Database Management Systems

**COSC 315** Introduction to Operating Systems

One other three-credit COSC or NTEN course

Third- and Fourth-Year courses for the Software Design and Development Option

**BUAD 123** Management Principles

**COSC 470** Software Engineering

**COSC 471** Software Engineering Project

**PHIL 331** Ethics of Computer Usage

At least one of:

**COSC 316** iOS Application Development

**COSC 326** Android Application Development

At least one of:

**COSC 318** Network Programming

**COSC 328** Linux Networking

At least one of:

**COSC 331** Microservices and Software Architecture

**COSC 360** Server Platform as a Service

At least two of:

**COSC 404** Advanced Database Management Systems

**COSC 416** Topics in Database

**COSC 434** Database Administration

**COSC 436** Data Warehousing

**COSC 437** Data Mining

Plus a minimum of 9 upper-level COSC credits (not already chosen).
Upper-level (courses numbered 300 or higher): at least 42 credits (of which a minimum 36 credits must be upper-level computer science).

After completing the first two years, you must complete a total of 60 additional credits for the BCIS degree. These credits will include: PHIL 331 (required), at least six additional Arts credits, BUAD 123 (required) and at least three additional BUAD credits.

Third- and Fourth-Year courses for the Database Systems Option

BUAD 123 Management Principles
COSC 404 Advanced Database Management Systems
COSC 434 Database Administration
COSC 470 Software Engineering
COSC 471 Software Engineering Project
PHIL 331 Ethics of Computer Usage
At least two of:
COSC 416 Topics in Database
COSC 436 Data Warehousing
COSC 437 Data Mining
At least one of:
BUAD 335 Electronic Commerce
COSC 341 User Experience
COSC 331 Microservices and Software Architecture
COSC 360 Server Platform as a Service

Upper-level (courses numbered 300 or higher): at least 42 credits (of which a minimum 36 credits must be upper-level computer science).

After completing the first two years, you must complete a total of 60 additional credits for the BCIS degree. These credits will include: PHIL 331 (required), at least six additional Arts credits, BUAD 123 (required) and at least three additional BUAD credits.

Third- and Fourth-Year courses for the General Studies Option

BUAD 123 Management Principles
PHIL 331 Ethics of Computer Usage
30 credits of upper-level COSC or NTEN courses not already chosen
Eight other three-credit courses

Electives for all students - 24 credits
Electives must be chosen to ensure the following credit requirements are met. See group definitions below.

Total credits: at least 120
Group 1: at least 78 credits
Group 2: at least 15 credits
Group 3: at least 6 credits
Upper-level (courses numbered 300 or higher): at least 42 credits
Upper-level group 1: at least 36 credits
Group 1: courses in Computer Science and other subjects which lead to an Associate of Science Degree, except MATH 120, plus Network and Telecommunications Engineering Technology, and Electronic Engineering Technology.
Group 2: refers to all courses in Communications and courses in other subjects which lead to an Associate of Arts Degree. This group does not include science courses.
Group 3: Business Administration courses.

Graduation Requirements

Students must complete a minimum of 120 credits of required and elective courses as listed with a minimum graduating average of 60%.

Computer Information Systems Diploma

The Computer Information Systems diploma is a two-year program which includes a broad selection of computing, mathematics, business, and communications courses so graduates can function...
successfully in a variety of roles in a business organization, high-technology company, or government department. These roles include entry-level positions as computer programmer, programmer/analyst, business systems designer/developer/analyst, web designer/developer and database architect/administrator.

The courses in the diploma are grouped into required courses and elective courses.

The program is available as a co-op program. The department recommends participating in co-op between the third and fourth academic semesters if possible. Taking co-op work terms will lengthen the program to approximately three years.

Graduates of this program may proceed directly to the Bachelor of Computer Information Systems degree or, after completing some extra courses, to a Bachelor of Business Administration degree.

Admission Requirements

B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

English Requirements:

English 12 with minimum 60% or alternatives.

Math Requirements:

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Principles of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Or a minimum of 67% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 12
- Foundations of Mathematics Grade 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Applications of Mathematics 12
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

or a minimum of 70% in any of:

- An Okanagan College Mathematics 11 Proficiency Test
- An Okanagan College Mathematics 12 Proficiency Test

Other Requirements: Attendance at a mandatory orientation. Applicants will be notified of dates.

Keyboarding Skills: Keyboarding skills of at least 20 wpm are strongly recommended.

Access to a Personal Computer: Students entering this program are strongly advised to have access to a personal computer at home with Internet access, both with adequate resources for this level of study. Students may consult the Computer Science Department for hardware and software recommendations.

Personal Suitability: Prospective applicants should consider assessing their suitability for the program by researching Computer Information Systems.

Program Outline

First Year

Semester I

CMNS 113 Technical Communication for Information Technology
COSC 109 Technical Aspects of Operating Systems
COSC 111 Computer Programming I
COSC 118 Networks and Telecommunications I
MATH 139 Mathematics for Information Technology

Plus:

Semester II

CMNS 123 Analysis and Reporting for Information Technology
COSC 121 Computer Programming II
COSC 126 Systems Analysis and Design
COSC 131 Visual Programming

One of:
Graduation Requirements

Students must complete 60 credits of required and elective courses as listed with a minimum graduating grade average of 60%.

Concentration in Computer Information Systems

The Concentration in Computer Information Systems (CIS) provides students with skills in programming, database development, management and administration. Students can develop competence in areas such as Java and Visual programming, programming for mobile devices, database and web programming, database systems administration and software engineering, and software development in teams with industrial clients.

This concentration option supports Bachelor of Business Administration (BBA) degree students who are looking to strengthen their information technology background. Students, who enrol in the BBA program, can apply credits earned in the completion of their electives in COSC courses toward their BBA degree with a Concentration in Computer Information Systems.

Admission Requirements

Admission to the Concentration in CIS will be given based on admission to a university studies degree program at Okanagan College.

Program Outline

Students must successfully complete the following set of courses to receive a Concentration in Computer Information Systems:

- COSC 221 Introduction to Discrete Structures
  or MATH 251 Introduction to Discrete Structures

- May to August
  - COSC 101 (Co-op Work Term I): 4 months

Second Year

- Semester III
  - COSC 213 Web development with LAMP
  - COSC 219 Client-side Web Systems
  - COSC 222 Computer Data Structures
  - COSC 236 Object-Oriented Systems Analysis and Design
  - COSC 304 Introduction to Database Management Systems

- January to December
  - COSC 102 (Co-op Work Term II): 4 months January - April
  - COSC 103 (Co-op Work Term III): 4 months May - August
  - COSC 104 (Co-op Work Term IV): 4 months September - December

- Semester IV
  - COSC 205 Project Management
  - COSC 224 Projects in Computer Science
  - COSC 315 Introduction to Operating Systems

- Two electives

Students may choose electives from COSC or NTEN courses. COSC 115, COSC 122 and COSC 180 may not be used as electives. Other electives may be available; contact the Computer Science department chair.
COSC 121

BUAD 283

MATH 114

and one of

STAT 121

or

STAT 124

) 

Three more COSC courses with at least two of the courses completed at the 300/400 level. Students would select three courses from the following list:

COSC 219 Client-side Web Systems

COSC 222 Computer Data Structures

COSC 315 Introduction to Operating Systems

COSC 331 Microservices and Software Architecture

COSC 341 User Experience

COSC 360 Server Platform as a Service

COSC 404 Advanced Database Management Systems

COSC 416 Topics in Database

COSC 419 Topics in Computer Science

COSC 434 Database Administration

Common First Year Engineering Certificate

The Common First Year Engineering Certificate program provides the opportunity to study first-year Engineering (Applied Science) at Okanagan College. All courses must be taken at Okanagan College within a 12-month period. Students completing the Common First Year Engineering Certificate are able to apply to some B.C. university's second year Engineering (Applied Science) Degree programs.

Graduation from the Common First Year Engineering Certificate program requires successful completion of all courses in the program outline with a minimum graduating grade average of 70%. Successful completion of individual courses requires a minimum grade of 50% with some courses requiring a higher minimum grade to be acceptable as prerequisites for subsequent courses at various institutions. Minimum graduating grade average for acceptance at receiving institutions will vary.

Upon successful completion of this program students will be able to:

- Develop a knowledge base for engineering
- Analyze and solve problems while applying engineering knowledge
- Conduct investigations into various complex problems
- Design solutions for complex problems
- Create, adapt and apply various engineering tools
- Work effectively in teams and as an individual
- Communicate complex engineering problems and solutions with professionals and the public
- Understand the roles and responsibility of a professional engineer
- Evaluate sustainable/environmental engineering solutions
- Apply professional ethics and accountability
- Understand introductory project management and the economic drivers of construction projects
- Develop a base for computer programming.

Graduation Requirements

The Concentration in Computer Information Systems will be granted upon the successful completion of 18 credits as specified in the program outline.

Concentration in Communication (see Arts)

Please see this link.

Admission Requirements

B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
English Entrance Requirement:

- English 12 with minimum 67% or alternatives.

Math Entrance Requirements:

A minimum of 67% in any of:

- Pre-calculus Grade 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Science Entrance Requirements:

A minimum of 67% in:

- Chemistry 12
- Physics 12

All of the above courses must have been completed in the last two (2) years in order to ensure that the student has recent knowledge of the materials contained in these courses.

Program Outline

2 Term Program

Fall Semester

CHEM 111 Principles of Chemistry I
COSC 111 Computer Programming I
ENGR 101 Engineering Design I
MATH 112 Calculus I
PHYS 111 Calculus-Based Physics I
ENGL 100 University Writing

Winter Semester

CHEM 121 Principles of Chemistry II
ENGR 111 Engineering Design II
MATH 122 Calculus II
PHYS 111 Calculus-Based Physics I
PHYS 202 Engineering Mechanics I
CMNS 133 Technical Writing and Communications I

Graduation Requirements

Graduation from the Common First Year Engineering Certificate requires the completion of the 39 required credits within a 12 month period, with a minimum 70% GGA.

Post-Baccalaureate Diploma in Marketing and Data Analytics

This unique two-year post-baccalaureate diploma (60 credit/20 course) is aimed at students with a bachelor degree in any business or science program who wish to pursue a career in Marketing and Data Analytics. Students will receive thorough training in statistics and data science. Term one of this program sets the mathematical and statistical foundation for higher level learning in the marketing and data science area.
In subsequent terms, students build on, and apply, these foundational skills to a diverse set of areas. While many of the applications have a business or marketing focus, the mathematical, statistical, and data science concepts learned are universally applicable to a wide range of disciplines.

**Admission Requirements**

Successful completion of a recognized Bachelor Degree in any business or science program. A post-secondary basic calculus course, or equivalent, is highly recommended.

A student who has completed a recognized undergraduate degree in a non-business or non-science program may be admitted to the program provided they pass the Okanagan College Basic Algebra Proficiency Test with a minimum score of 20/25 AND the Calculus Readiness Test with a minimum score of 16/25.

**Semester 1**

- **DSCI 300** Data Wrangling and Visualization
- **DSCI 310** Mathematics Computation
- **BUAD 116** Marketing
- **STAT 230** Elementary Applied Statistics
- **MATH 314** Calculus and Linear Algebra with Business Applications

**Semester 2**

- **DSCI 400** Machine Learning I
- **BUAD 123** Management Principles
- **BUAD 200** Digital Marketing
- **BUAD 210** Introduction to Marketing Research
- **STAT 240** Applied Statistics II

**Semester 3**

- **DSCI 401** Machine Learning II
- **BUAD 283** Management Information Systems
- **STAT 310** Regression Analysis
- **BUAD 344** Marketing Analytics and Data Analysis

Elective - any three credit academic course

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Post-Baccalaureate Diploma in Health Analytics**

This two-year post-baccalaureate diploma (60 credit/20 course) is aimed at students with a bachelor degree in any nursing, science, engineering, psychology business or management program who wish to pursue a career in Health Analytics. Students will receive thorough training in statistics and data science. Term one of this program sets the mathematical and statistical foundation for higher level learning in the health and data science areas. In subsequent terms, students build on, and apply, these foundational skills to a diverse set of areas. While many of the applications have a health focus, the mathematical, statistical, and data science concepts learned are universally applicable to a wide range of disciplines.

**Program Learning Outcomes**

At the end of this program students will:

1. Apply mathematical, statistical and machine learning techniques to support organizational decisions as well as to identify new data driven opportunities.
2. Manage and manipulate data and create data visualizations using a variety of mathematical and statistical software.
3. Participate in the planning and execution of a data science project culminating in recommendations based on the results of the analysis.
4. Evaluate, define and explain data-analytic problems that offer the greatest opportunities for organizational benefits.
5. Understand healthcare systems in a variety of countries including how their history, geography, government and economy and privacy laws impact the healthcare system.
6. Understand the relevant laws, regulations and standards involved with health data.

Admission Requirements

Successful completion of a recognized Bachelor Degree in any science, nursing, engineering, psychology, or management program. A post-secondary basic calculus course, or equivalent, is highly recommended.

A student who has completed a recognized undergraduate degree in a program different than those listed above may be admitted to the program provided they pass the Okanagan College Basic Algebra Proficiency Test with a minimum score of 20/25 AND the Calculus Readiness Test with a minimum score of 16/25.

Program Outline

Semester 1

DSCI 300 Data Wrangling and Visualization
DSCI 310 Mathematics Computation
DSCI 321 Health Care Analytics
DSCI 230
MATH 314 Calculus and Linear Algebra with Business Applications

Semester 2

DSCI 400 Machine Learning I
DSCI 322 Comparative Health Systems
DSCI 283
DSCI 251
STAT 240 Applied Statistics II

Semester 3

DSCI 401 Machine Learning II
DSCI 324 Health Care Information Systems
DSCI 420 Mathematics for Machine Learning

STAT 310 Regression Analysis
Elective: Any 3 credit academic course

Semester 4

DSCI 323 Epidemiology and Health Analytics
DSCI 315 d Dashboards and Analytic Reporting
STAT 311 Modern Statistical Methods
DSCI 490 Data Science Project
Elective: Any 3 credit academic course

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Technologies

Animation Diploma

The two-year Animation diploma program focuses on drawing, design and the principles and techniques of traditional and digital character animation. There is an optional Co-op work term offered between year 1 and year 2 of the program.

Features include a state of the art classroom in the new Innovation Centre in downtown Kelowna, the latest technology in the field of digital animation, and comprehensive drawing classes taught by industry professionals to develop artistic skills, technical dexterity and creative thinking. Industry standard production scenarios and professional practices mimic the production pipeline. Core courses include 2D, digital 2D and 3D animation, life drawing, character design, storyboard and layout design. Animation history, communications and an introduction to business functions are also studied.

Successful graduates complete a professional quality, industry-focused demo reel showcasing their design and digital animation skills, preparing them for a career in British Columbia’s (B.C.’s) booming entertainment industry.

Program Goals:
Focus on applied learning: from pencil to digital, graduating animators and not just operators.
Deliver a curriculum which balances artistic skills, industry techniques and applied technology.
Maintain close relationships with the industry.
Train artists for a successful career in the 2D or 3D animation industry.

Skill sets taught in the Animation program are also applicable to careers in the fields of computer games, multimedia, web design, television and feature film.

Admission Requirements

B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

English 12 with minimum 60% or alternatives.

Interview and portfolio assessment. Please refer to program website for more details.

Applicants may be required to complete a drawing exercise.

Program Outline

Year One

Semester One

ANIM 111 Life Drawing I
ANIM 112 Animation Principles I
ANIM 114 Layout and Design I
ANIM 116 Character Design I
ANIM 120 Animation History
CMNS 101 Communication Fundamentals

Semester Two

ANIM 121 Life Drawing II
ANIM 122 Animation Principles II
ANIM 124 Layout and Design II

ANIM 126 Character Design II
ANIM 127 Storyboarding I

Intersession (May - Aug)

ANIM 101 Co-op Work Term

Year Two

Semester Three

ANIM 211 Life Drawing III
ANIM 212 Animation Principles III
ANIM 214 Layout and Design III
ANIM 216 Character Design III
ANIM 217 Storyboarding III

Semester Four

ANIM 221 Life Drawing IV
ANIM 222 Animation Principles IV
ANIM 230 Demo Reel Production
CMNS 201 Career Communication & Strategy

Graduation Requirements

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

Civil Engineering Technology Diploma

The civil engineering technologist is involved in the design and construction of buildings, bridges, highways, streets, parks, subdivisions, dams, drainage and irrigation systems, water supply and sewer systems, and plants. Aspects of civil engineering and urbanization in Canada are studied throughout this program. A diverse and stimulating program, Civil Engineering Technology incorporates field trips to reinforce theoretical background, and to develop appropriate methods of approach and solution. Graduates will possess the following knowledge and skills:

- a knowledge of mathematics, applied science, surveying principles, graphical
language and oral and written communication techniques;
- a grounding in applied civil engineering technology as related to highway surveying, road design and construction, municipal construction, bridge construction, municipal water and sewage works, irrigation and drainage, and heavy construction;
- skills in drafting, detailing, computing, surveying, laboratory testing (soil mechanics, concrete and asphalt paving), construction inspection, writing technical reports and correspondence, preparation of specifications and costs, basic structural design in steel, reinforced concrete, design of water distribution and sewage collection systems, heating and air conditioning and other building services, and engineering law.

Employment Opportunities

Graduates of this program can seek employment in the following types of positions:

- engineering assistants in highway construction, communications and power development projects; draftsperson; estimators, detailers and assistant designers;
- technologists in concrete, asphalt and soil testing labs; construction inspectors in municipal water development and structural projects; technologists in hydrographic surveys, waste resources studies, irrigation and hydraulic laboratories;
- town works superintendents and building inspectors; concrete plant supervisors; technical sales involving building and construction materials and equipment; and
- project chiefs and instrument persons in field surveys related to pipelines, construction, mining drainage, irrigation, highways and roads, etc.

National Accreditation: The Civil Engineering Technology program is nationally accredited by the Canadian Technology Accreditation Board (CTAB). While attending Okanagan College, students may register with the Applied Science Technologists and Technicians of British Columbia (ASTTBC). Graduates are eligible for registration as an applied science technologist after two years of related work experience.

Admission Requirements

- B.C. secondary school graduation (or equivalent).
- English 12 with minimum 60% or alternatives.
- Math requirement:

  A minimum of 60% in any of:
  - Pre-calculus Grade 12
  - Foundations of Mathematics Grade 12
  - Principles of Mathematics 12
  - Applications of Mathematics 12
  - Adult Basic Education MATH 012
  - Okanagan College MATH 120

  Or a minimum of 64% in an Okanagan College Mathematics 11 Proficiency Test.

  Or a minimum of 67% in any of:
  - Pre-calculus Grade 11
  - Principles of Mathematics 11
  - Adult Basic Education MATH 011

  One of the Grade 12 mathematics courses is recommended. The mathematics requirement must be satisfied no more than seven years prior to enrolment in the program.

- A minimum grade of 60% in Physics 11, or a minimum grade of 50% in Physics 12 or Applied Physics 12.
- The Civil Engineering Technology program stresses the use of computers in solving engineering problems. It is recommended that students entering the program have a working knowledge of word processing, spreadsheets and presentation tools software. An introductory course in computers or computer experience is strongly recommended.

Mature Students: Applicants who do not have secondary school graduation may apply as a mature student provided they are at least 19 years of age and have not attended secondary school on a full-time basis for a year or more. Mature students must complete specific entrance requirements that apply to regular applicants.

The mathematics requirement will not be waived for mature students.
## Program Outline

### First Year

#### Semester One
- **CIEN 131** Drafting I
- **CIEN 139** Construction Surveying 1
- **CIEN 133** Concrete Technology
- **CIEN 134** Statics and Strength of Materials I
- **CIEN 136** Applications for Engineering Principles
- **COSC 115** Microcomputer Orientation
- **CMNS 135** Technical Writing & Communications 1 for CIEN
- **MATH 113** Mathematics for Civil Engineering Technology I

Co-op Education/Employment Seminar

#### Semester Two
- **CIEN 141** Drafting II
- **CIEN 149** Construction Surveying 2
- **CIEN 143** Highway Material Testing I
- **CIEN 144** Statics and Strength of Materials II
- **CIEN 145** Elementary Hydraulics
- **CIEN 147** Software Applications for Engineering Technology
- **CIEN 148** Structural Design
- **MATH 123** Mathematics for Civil Engineering Technology II

CIEN 101 Co-op Work Term I (May - August) 4 months

CIEN 102 Co-op Work Term II (September - December) 4 months

### Second Year

#### Semester Three
- **CIEN 231** Watershed Management
- **CIEN 232** Construction Estimating
- **CIEN 233** Engineering Soils
- **CIEN 234** Structural Design in Wood
- **CIEN 235** Municipal Design
- **CIEN 236** Highway Materials Testing II
- **CIEN 237** Design of Urban Road Systems
- **CMNS 145** Technical Writing & Communications 2 for CIEN

CIEN 103 Co-op Work Term III (May - August) 4 months

#### Semester Four
- **CIEN 240** Project
- **CIEN 241** Project Management
- **CIEN 242** Steel Detailing and Estimating
- **CIEN 244** Structural Design in Concrete
- **CIEN 245** Municipal Engineering
- **CIEN 246** Pavements
- **CIEN 248** Construction Law
- **CIEN 249** Computer Applications for Civil Engineering

### Graduation Requirements

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

## Electronics Engineering Technology Diploma

This diploma program provides training in analog and digital electronic systems and equipment. The program places equal emphasis on a thorough understanding of circuit and system concepts/applications and proper techniques for building, testing and measuring circuits and systems.

Graduates find employment in the areas of communications, microcontroller applications, embedded system applications, systems control and automation. Many jobs relate to the installation,
operation, maintenance and design of complex electrical and electronic equipment. Graduates work for a wide range of government agencies, private companies, and educational institutions. Some graduates are employed as assistants to scientists and engineers on research and development projects. With the increasing growth in the industrial Internet of Things (IoT) which includes both networked and automated control systems, there is strong demand for technologists with knowledge of analog systems, digital systems and networking.

The Electronics Engineering Technology program offers graduates the opportunity to bridge into engineering degree programs at University of British Columbia - Okanagan, University of Victoria and Lakehead University.

National Accreditation: The Electronics Engineering Technology program is nationally accredited by Technology Accreditation Canada (TAC). The program's strengths include Analog Systems, Microcontrollers, Communications Systems, and Industrial Data Communications and Networking. While attending Okanagan College, students may register with Applied Science Technologists and Technicians of BC (ASTTBC). Following graduation and a few years of industry experience, graduates can apply to become Applied Science Technologists (AScT).

Admission Requirements

Regular Students

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 60% or alternatives.
- A grade of 60% or better in Physics 11. Physics 12 or Applied Physics 12 is recommended.
- Math requirement:

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Principles of Mathematics 12
- Applications of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120
  - Or a minimum of 67% in any of:
    - Pre-calculus Grade 11

- Principles of Mathematics 11
- Adult Basic Education MATH 011

Or a minimum of 70% in an Okanagan College Mathematics 11 Proficiency Test

- The Electronic Engineering Technology program stresses the use of computers in solving engineering problems. It is recommended that students entering the program have a working knowledge of word processing, spreadsheets and presentation tools software. An introductory course in computers or computer experience is strongly recommended.

Mature Students

Applicants who do not have secondary school graduation may apply as a mature student provided they are at least 19 years of age and have not attended secondary school on a full-time basis for a year or more. Mature students must complete specific entrance requirements that apply to regular applicants.

Program Outline

First Year

Semester One (16 weeks)

- ELEN 110 Computer Fluency
- ELEN 116 Programming and Interfacing
- ELEN 130 Electrical Circuit Analysis I
- PHYS 126 Physics for Electronic Engineering Technology
- CMNS 133 Technical Writing and Communications I
- MATH 137 Mathematics for Electronic Engineering Technology I

Semester Two (16 weeks plus two weeks)

- ELEN 126 Digital Electronics
- ELEN 140 Electrical Circuits II
- ELEN 142 Fabrication I
- ELEN 146 Electronic Devices and Circuits I
ELEN 153 Fundamentals of the Internet of Things

MATH 147 Mathematics for Electronic Engineering Technology II

ELEN 152 Fabrication II

Semester Three

ELEN 213 Engineering Project Management

ELEN 216 Microcontroller Technology

ELEN 240 Fundamentals of Communication Systems

ELEN 256 Electronic Devices and Circuits II

ELEN 263 Control Systems and Automation

MATH 257 Mathematics for Electronic Engineering Technology III

Co-op Employment Seminar

Semester Four

ELEN 226 Embedded Systems

ELEN 227 Project and Report

ELEN 250 Analog Communication Systems

ELEN 251 Digital Communication Systems

ELEN 273 Applications of the Industrial Internet of Things

Co-op Group

ELEN 101 Co-op Work Term I (January - April) 4 months

ELEN 102 Co-op Work Term II (May - August) 4 months

ELEN 103 Co-op Work Term III (September - December) 4 months

**Mechanical Engineering Technology Diploma**

The mechanical engineering technologist is involved in the design, manufacture, testing, installation, operation and maintenance of a wide variety of machines and mechanical equipment. Through the Mechanical Engineering Technology program at Okanagan College, students are trained in fundamental engineering principles and practice. Students will gain a working knowledge in the fundamentals of materials, structures, fluids, power, machine design, manufacturing, thermodynamics, HVAC, quality, and instrumentation and control. The use of current computer software is emphasized throughout the program.

A diverse and stimulating program, Mechanical Engineering Technology incorporates labs and field trips to reinforce theoretical background, and to develop appropriate methods of approach and solution of engineering problems.

Graduates may be employed by a very broad range of industrial organizations. Opportunities include product design, specification, installation and maintenance of equipment, cost estimating, technical sales, quality management, inspection, production planning, automation, CAD/CAM, robotics, and research and development. Mechanical engineering technologists are in demand due to the tremendous diversity of the discipline.

**National Accreditation:** The Mechanical Engineering Technology program is nationally accredited by the Canadian Technology Accreditation Board (CTAB) with recognized major competency areas of Mechanical Machine Design, Tool and Fixture Design, Automation, Production Management, Quality Assurance, HVAC, and Applied Research. While attending college, students may register with ASTTBC. Graduates are eligible for registration as an Applied Science Technologist after two years of related work experience.

**Admission Requirements**

**Regular Students**

B.C. secondary school graduation or equivalent

English 12 with minimum 60% or [alternatives](#).

Math requirement:

- A minimum of 60% in any of:
Program Outline

First Year

Semester One

MECH 131 Engineering Graphics I
MECH 133 Materials Technology
MECH 134 Statics
MECH 136 Application of Engineering Principles

MECH 139 Mechanical Fabrication
CMNS 133 Technical Writing and Communications I
MATH 135 Mathematics for Mechanical Engineering Technology I
Co-operative Education Employment Seminar

Semester Two

MECH 142 Engineering Graphics II
MECH 144 Dynamics
MECH 146 Fluid Mechanics
MECH 147 Strength of Materials
MECH 148 Manufacturing Processes
MECH 149 Manufacturing Applications
MATH 145 Mathematics for Mechanical Engineering Technology II
MECH 152 Welding

*offered over a one-week period

Second Year

Semester Three

MECH 232 Machine Design
MECH 233 Technology Management and Quality
MECH 234 Thermodynamics
MECH 235 Hydraulics and Pneumatics
MECH 237 Engineering Graphics III
MECH 239 Automation
ELEN 236 Electronic Technology I
MECH 257 Engineering Graphics IV

Mature Students

Applicants who do not have secondary school graduation may apply as a mature student provided they are at least 19 years of age and have not attended secondary school on a full-time basis for a year or more. Mature students must complete specific entrance requirements that apply to regular applicants.

Mature students without the required 60% grade in Mathematics 12 will be permitted to write a Mathematics 12 challenge exam. Exemption from these admission requirements for mature students is based upon a department interview, work experience, educational background and the results of a Mathematics 12 challenge exam.

Pre-calculus Grade 12
Principles of Mathematics 12
Adult Basic Education
MATH 012
Okanagan College MATH 120

Or a minimum of 70% in an Okanagan College Mathematics 12 Proficiency Test

Physics 11 (Physics 12 is recommended) is required. Chemistry 11 or Chemistry 12 is strongly recommended.

The Mechanical Engineering Technology program stresses the use of computers in solving engineering problems. It is recommended that students entering the program have a working knowledge of word processing, spreadsheets and presentation tools software. An introductory course in computers or computer experience is strongly recommended.
MECH 103 Co-op Work Term III (May - August) 4 months

*offered over a one-week period

Semester Four

**MECH 240** Project

**CMNS 144** Technical Writing and Communications for Mechanical Engineering

**MECH 243** Operations Management

**MECH 244** Applied Thermodynamics and HVAC

**MECH 247** Computer Aided Manufacturing

**MECH 249** Robotics and CIM

**ELEN 246** Electronic Technology II

**Graduation Requirements**

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

**Infrastructure and Computing Technology Diploma**

Previously Network and Telecommunications Engineering Technology Diploma. Please see 2020-2021 Calendar for details.

This diploma program produces graduates who possess the skill set, attitude and knowledge to establish careers as certified technologists in the fields of local-area and wide-area voice, video and integrated data communications. Course work stresses messaging principles and provides insight into wired, wireless and fibre-optic signal propagation.

The rapid development and enrichment of global communications has produced a worldwide reliance on IP networks and the convergence of data and telecommunications has stimulated the need for larger and more integrated network implementations. Network and Telecommunications engineering technologists are trained to design, configure and support this telecommunications infrastructure. They are employed as network support specialists, network operations and telecommunications analysts, communications integrators, network administrators and consultants.

Graduates will possess the:

- skill sets, attitude and knowledge to establish careers and work efficiently as certified technologists in the fields of network and telecommunications engineering;
- understanding of how organizations function to provide effective integration of company operations and the networked corporate systems required today and in the future;
- necessary communication skills and knowledge of business operations required by corporate managerial roles or to start their own business as independent entrepreneurs;
- knowledge and practical experience to confidently challenge exams that form part of current industry certifications; and
- general theoretical skills required to pursue life-long learning and/or continue their education.

**Admission Requirements**

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 60% or alternatives.
- This program assumes the student is comfortable with the fundamental concepts and basic configuration of computer operating systems as well as word processing and spreadsheet applications. Any student new to the computing environment is recommended to find an introductory class or follow a self-study learning guide on operating systems, word processing or spreadsheet applications before entering the program. Click here to see Okanagan College course offerings in introductory computing.

Math requirement:

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Foundations of Mathematics Grade 12
- Principles of Mathematics 12
- Applications of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Or a minimum of 67% in any of:
- Pre-calculus Grade 11
- Principles of Mathematics 11
- Adult Basic Education MATH 011

Or a minimum of 70% in an Okanagan College Mathematics 11 Proficiency Test

One of the grade 12 mathematics courses is recommended.

- Physics 11 or 12 is recommended.

**Mature Students:** Applicants who do not have secondary school graduation may apply as a mature student provided they are at least 19 years of age and have not attended secondary school on a full-time basis for a year or more. Mature students must complete specific entrance requirements that apply to regular applicants.

### Program Outline

#### First Year

**Semester One**

- **ICT 111** Computer Components and Peripherals
- **ICT 112** Computer Programming I
- **ICT 113** Voice and Data Communications Infrastructure
- **ICT 117** Networks and Telecommunications I
- **CMNS 113** Technical Communication for Information Technology
- **MATH 127** Math for Network & Telecom Engineering Tech

**Semester Two**

- **ICT 123** Network Applications of Analog and Digital Systems
- **ICT 127** Local Area Network Management
- **ICT 137** Routing and Switching I
- **CMNS 123** Analysis and Reporting for Information Technology
- **ICT 128** Scripting for Network and System Administrators

One elective (3 credits)

**Extended Semester (2 weeks)**

- **ICT 199** Topics in Internetworking

#### Second Year

**Semester Three**

- **ICT 207** Enterprise Telecommunications
- **ICT 211** Virtualization for Enterprise System Administrators
- **ICT 212** Cybersecurity Analysis
- **ICT 217** Routing and Switching II
- **ICT 219** Linux Server Management

One elective (3 credits)

**Semester Four**

- **ICT 125** Internetwork Security I
  - This course is a fundamental evaluation of network security that focuses on the overall security process with particular emphasis on hands-on skills in security policy design and management on routers and firewalls. An in-depth look at security technologies includes identity services, intrusion detection and VPN (Virtual Private Network) implementations. (3,2.5,0)
  
  Prerequisites: NTEN 217

- **ICT 123** Internet of Things
  - Learners will explore the involved interconnection of IoT concepts from network edge through data storage and analysis. IoT data transport protocols, data storage solutions and introductory data analysis techniques will be introduced. Learners will compare and utilize existing enterprise IoT solutions as potential platforms. Emphasis is placed on building and utilizing an edge to storage solution, enabling detailed data discovery and analysis. (3,2.5,0)
  
  Prerequisites: NTEN 123 and NTEN 128 and NTEN 211 and NTEN 219
- Network Project

This project course is dedicated to the analysis of theoretical and practical aspects of selected examples of networking. It forms the application and extension of knowledge from previous and current courses as it relates to practical network scenarios. Students will be required to submit a technical report based on a major architectural project and do a presentation before a selected audience. (2,3,0)

Prerequisites:
NTEN 199
NTEN 217

Corequisites:
NTEN 225
One elective (3 credits)

Co-op Group
ICT 101 Co-op Work Term I (January - April) 4 months
ICT 102 Co-op Work Term II (May - August) 4 months
ICT 103 Co-op Work Term III (September - December) 4 months

In ICT classes, approximately one half of the time is devoted to hands-on laboratory work. Course work will include field trips to local industry.

Technical, Business Administration and Communication Electives
9 credits of electives are included in the program

6 of these credits must be approved Information Technology courses, or Electronics courses, or Computer Science courses eligible for credit towards the Bachelor of Computer Information Systems (BCIS) program, or Math courses eligible for credit towards the BCIS program. COSC 109, COSC 115, COSC 122 and COSC 127 or any course offering similar content to an existing course in the ICT program are not eligible for credit towards the ICT diploma. Any student considering a course that may offer similar content should consult with the chair prior to registration.

3 of these credits must be either Business Administration (BUAD) courses eligible for credit towards the Bachelor of Business Administration (BBA) program or Communication (CMNS) courses.

Graduation Requirements
Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Sustainable Building Technology Diploma

The Sustainable Building Technology two-year curriculum provides students with the foundation needed to prepare, inspire, and mobilize the next generation of building technologists. This program covers the principles, concepts, and practices of project design to completion through whole systems thinking and multidisciplinary approaches which collectively enables students to deliver sustainably built environments that enhance human well-being.

The program is organized through five core streams which were developed by the Sustainable Building Technology faculty and through consultation with industry representatives. These allow for specialized education within the field of sustainability and the built environment and include the Sustainability, Building Design, Building Science and Systems, Construction Management, and Service Course streams. Together, these courses provide our graduating students with the ability to pursue careers in the (re)design, management, and execution of existing and new building projects. Specifically, the program learning outcomes include:

1. Communicate a fundamental understanding of construction concepts, practices and regulations for new and existing structures;
2. Measure and assess the sustainability performance of construction projects including embodied and operational carbon, energy savings, and overall human experience;
3. Perform effective communication with clients, contractors, building professionals, and municipal authorities through Integrated Project Delivery practices;
4. Define, describe, and discuss major theories and concepts within the field of building science;
5. Illustrate how to work independently and interdependently as part of multidisciplinary project teams;
6. Apply a whole systems thinking approach to design and construction activities to enable greater project potential; and
7. Effectively realize design intent in executing construction through a proficient understanding of constructability and hands-on construction experience.

Practical learning experiences are incorporated throughout the program through site visits, real project case studies, hands-on building opportunities, and capstone projects. These experiences enrich the program and bridge the gap between the academic courses and the practical skills required by the students upon graduation. During the summer term break between years 1 and 2, the students also have the opportunity to further their practical experience through participating in a paid co-op program.

In addition, the students benefit from a blended learning format where courses are delivered face-to-face and through an online platform. This allows the students to actively participate in courses on the Okanagan College, Penticton Campus, and conveniently from home. Specifically, one day a week is devoted to online classes, three days a week are spent on campus, and the fifth day is set aside as a student group work and study day (with the exception of Term 1).

The College intends to obtain certification with the Canadian Technology Accreditation Criteria (CTAC) for Architectural, Building and Construction Technologist.

### Admission Requirements

- BC secondary school graduation, or 19 years of age and out of secondary school for one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- Math requirement:

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Foundations of Mathematics Grade 12
- Principles of Mathematics 12
- Applications of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Or a minimum of 67% in any of:

- Pre-calculus Grade 11

Or a minimum of 70% in an Okanagan College Mathematics 11 Proficiency Test

One of the Grade 12 mathematics courses is recommended. The mathematics requirement must be successfully completed no more than seven years prior to enrolment in the program.

### Program Outline

#### Term 1

- **SBT 102** Introduction to Design
- **SBT 112** Construction Drafting and BIM I
- **SBT 114** Sustainability and Ethics in Construction
- **SBT 115** Construction Methods I
- **SBT 124** Sustainability and the Built Environment
- **BUAD 128** Computer Applications I
- **CMNS 136** Technical Writing & Communications for SBT I
- **MATH 134** Mathematics for SCMT

#### Term 2

- **SBT 113** Quantity Surveying and Estimating I
- **SBT 116** Scheduling and Cost Control
- **SBT 120** Project Delivery
- **SBT 125** Construction Methods II
- **SBT 132** Introduction to Sustainability Assessment
- **SBT 134** Green Building Principles
- **SBT 144** Sustainable Methods and Technologies
- **BUAD 123** Management Principles

#### Term 3

- **SBT 212** Construction Drafting and BIM II
Construction drafting is further explored through the introduction of three-dimensional modeling software and its application from design through to construction documentation. Students are introduced to the tools and concepts of working with parametric building three-dimensional models to create residential and commercial construction drawings. Additional topics include the four- and five-dimensional aspects of Building Information Modeling as they relate to the construction industry. (3,0,0)

Prerequisite: SBT 112

**SBT 213**

- Quantity Surveying and Estimating II

Students will investigate complex project case studies. Students analyze architectural, structural engineering, and specialty documents to generate takeoffs for earthwork, concrete, wood, thermal and moisture protection, doors and windows, and finishes, with an emphasis on establishing a clear, task specific process. Students are introduced to Request for Proposals (RFP) and Request for Quotes (RFQ) procedures, as well as electronic takeoff and estimating software. (3,0,0)

Prerequisite: SBT 113

**SBT 214**

- Biophilic Design

Biophilic Design is a design philosophy which aims to improve wellbeing through the human experience. Students will examine the principles, elements, practices, and benefits of incorporating biophilic design within our interior and exterior living spaces. Topics include human adaptations to nature, interrelated and integrated settings, emotional attachments to structures, the direct and indirect nature experience, as well as color psychology. (3,0,0)

Prerequisite: SBT 102

**SBT 218**

- Building Systems and Energy Management

Students will be familiarized with mechanical and electrical systems in new and existing buildings. The focus is on Part 9 buildings but relevant systems are included for Part 3 buildings, as it pertains to the Energy Step Code. Equipment and appliance rating systems are discussed. Students examine fundamental energy management skills to effectively conduct energy modeling on new and existing buildings, energy conservation measures, financial viability of each option and post-construction performance verification. (3,0,0)

Prerequisite: SBT 144

**SBT 223** Sustainable Materials

**SBT 224** Greening Existing Infrastructure

**SBT 228**

- Renewable Energy Technologies

Students are provided with a comprehensive overview of alternative energy sources, applications, technologies and strategies. Topics cover the latest developments relating to wind power systems, solar thermal heating and photovoltaic generation, geothermal heating, and electrical production, bio-fuels, waste-to-energy systems, energy storage, fuel cells, and hydroelectric power among others. Economic issues along with financial methodologies and incentives will also be considered. (2,1,0)

Prerequisite: SBT 134

**SBT 251**

- Capstone Project I

In this final-year project course, students work in small teams to solve challenging real-world problems proposed by community partners and college faculty. Students apply knowledge and skills learned throughout the program to projects that contribute to the economic, environmental, and social well-being of the community. Upon project completion, the capstone project teams will prepare and present to members of the community and faculty an interim report outlining the project findings and its contribution to community sustainability. (0,4,0)

Prerequisite: SBT 125

Term 4

**SBT 226**

- Leadership and Innovation
Students are asked to draw together the knowledge from other courses and to consider the roles and responsibilities of team members throughout a typical construction project. Topics covered are transformational and value-based leadership, creating conditions open for innovative solutions by all team members. The course is taught partly through role-play in the context of real-life construction projects. (3,0,0)

Prerequisite: SBT 216

SBT 230

- Construction Conflicts and Law

The students examine basic contract law and its application to construction contracts, including the liabilities and responsibilities of all parties to a contract, and ways to avoid and resolve conflicts that often arise for a variety of reasons during construction projects. Topics also include other construction related law such as builder's liens, debt collection, bonding, insurance, and environmental and safety law. (3,0,0)

Prerequisite: SBT 120

SBT 234

- Sustainable Design and Development

Students perform an advanced investigation into how the design and development procedures of construction projects can be improved to meet Owner Project Requirements (OPRs) and sustainability goals. The students develop their own sustainable design proposals and present these in a format that is suitable for formal review by consultants. The students, drawing experience from pervious courses, also present their sustainable design proposals in a financial format appropriate for developers/owners. (3,0,0)

Prerequisite: SBT 223

SBT 238

- Sustainable Business Case

Learners are introduced to the fundamentals of business cases and Intellectual Property Law. Learners conduct feasibility studies that review the functional, technical and operational feasibility of a service or product proposed to the construction industry. Learners also conduct an economic analysis of whole life costs, simple paybacks and life cycle assessments in order to assess the financial, environmental, and social impacts of the proposed service or product. (3,0,0)

Prerequisite: SBT 223

SBT 244

- Regenerative Design

Students explore the fundamentals of ecosystems which promote designs for regeneration. Students are taught the fundamentals of regenerative approaches to sustainable development and design which include place and potential, regenerative capacity, partnering with place, and progressive harmonization. Underlying topics include biomimicry, and biomimetic, restorative and regenerative design and development.

Prerequisite: SBT 228

SBT 252

- Capstone Project II

Students further their team efforts to solve the challenging real-world problem(s) chosen, with community partners and college faculty, in SBT 251. Students continue to apply knowledge and skills learned throughout the program to their sustainability projects. Upon project completion, the capstone project teams prepare and present to members of the community and faculty a final report outlining the project findings and its contribution to community sustainability. (0,4,0)

Prerequisite: SBT 251

CMNS 146 Technical Writing & Communications for SBT II

Graduation Requirements

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

Trades Technology Teacher Education

For further information about this program, please see Trades Technology Teacher Education Diploma.
Water Engineering Technology Diploma

This Program is a unique blend of traditional chemical and civil engineering technology combined with innovative water-focused environmental studies. The goals of the program are to educate, train and equip students so they are able to play a leading role in the water industry - both in Canada and internationally - to monitor, assess and protect both public health and water in the environment.

All students complete a common first year curriculum during which they receive a strong foundation of hydrology, hydraulics, water quality, water and wastewater treatment, along with water-focused biology and chemistry. During the second year students can choose between two options: Environmental Monitoring (EM) and Water and Wastewater Technology (WWT).

- The EM option focuses on natural waters with training provided in surface and groundwater hydrology, limnology, statistics and freshwater biology.
- The WWT option focuses on domestic water treatment, municipal and industrial wastewater treatment, hydraulics, and industrial computer control.

Both options also provide further training in water microbiology along with environmental and analytical chemistry. All students are expected to complete a capstone technology project where emphasis will be on application of theoretical and practical experience gained in the program.

Graduates will receive a diploma in Water Engineering Technology in one of the options listed above.

On graduation, there will be a wide choice of career opportunities which include: laboratory technologist, provincial or federal monitoring technologist, municipal water quality technologist, environmental engineering technologist and water or wastewater treatment plant operator.

The Program is nationally accredited by the Technology Accreditation Canada (TAC) and is recognized by both the Applied Science Technologists and Technicians of British Columbia and the College of Applied Biology of British Columbia. Graduates are eligible for registration as an Applied Science Technologist (AStC) and/or a Registered Biology Technologist (RBTech) after two years of related work experience.

Graduates are also eligible to write certification exams administered by the Environmental Operators Certificate Program (EOCP) of B.C. Based on the practical hands on experience obtained in the WET Program, graduates are awarded six months credit towards the required work experience necessary to be eligible to write one of the EOCP Level I Examinations.

After graduating with a Diploma in Water Engineering Technology, students who wish to obtain a Bachelor Degree can continue with their education. Please refer to the Water Engineering Technology department website for a complete list of the universities and their degree programs.

Admission Requirements

B.C. secondary school graduation or equivalent.

English 12 with minimum 60% or alternatives.

Math requirement:

A minimum of 60% in any of:

- Pre-calculus Grade 12
- Principles of Mathematics 12
- Applications of Mathematics 12
- Adult Basic Education MATH 012
- Okanagan College MATH 120

Or a minimum of 67% in any of:

- Pre-calculus Grade 11
- Principles of Mathematics 11
- Adult Basic Education MATH 011

Or a minimum of 85% in an Okanagan College Mathematics 11 Proficiency Test

Chemistry 11 with a grade of 67% or better.

The Water Engineering Technology program stresses the use of computers in solving engineering problems. It is recommended that students entering the program have a working knowledge of word processing, spreadsheets and presentation tools software. An introductory course in computers or computer experience is strongly recommended.

Mature Students: Applicants who do not have secondary school graduation may apply as a mature student provided they are at least 19 years of age and have not attended secondary school on a full-time basis for a year or more. Mature students must
complete specific entrance requirements that apply to regular applicants.

Program Outline

First Year - All Options

Semester One

CHEM 118 Introductory Chemistry for Water Engineering Technology

CMNS 137 Technical Writing & Communications for WET

MATH 128* Mathematics for Water Engineering Technology

or MATH 120 Pre-Calculus

WET 111 Applied Hydrology

WET 112 Water Quality and Treatment Processes

WET 115 Basic Instrumentation

Semester Two

BIOL 175 Environmental Biology

CHEM 128 Water Chemistry

WET 121 Introduction to Water and Wastewater Management

WET 122 Water Distribution and Wastewater Collection I

WET 123 Instrumentation

WET 125 Operations, Planning and Maintenance for WET

WET 100 Surveying

WET 120 Chlorine Handling and Disinfection Technologies

WET 101 Co-op Work Term I (May - August) 4 months

WET 102 Co-op Work Term II (September - December) 4 months

* MATH 128 is the preferred math course and students will be block enrolled in MATH 128 during their first semester.

Second Year - Water and Wastewater Technology Option

Semester Three

BIOL 278 Microbiology of Water and Wastewater

WET 215 Applied Process Analysis for WET

CHEM 218 Applications of Environmental Chemistry

WET 219 Applied Water Law

WET 211 Wastewater Treatment

WET 214 Water Treatment

WET 103 Co-op Work Term III (May - August) 4 months

Semester Four

WET 202 Wet Capstone Project

WET 222 Water Distribution and Wastewater Collection II

WET 225 Computer Applications for WET

WET 227 Process Control for WET

WET 226 Advanced Treatment Technologies

CHEM 225 Introduction to Analytical Chemistry for WET

Second Year - Environmental Monitoring Option

Semester Three

BIOL 278 Microbiology of Water and Wastewater

CHEM 218 Applications of Environmental Chemistry

STAT 121 Elementary Statistics

WET 201 Applied Hydrogeology

WET 219 Applied Water Law

WET 214 Water Treatment
WET 103 Co-op Work Term III (May - August) 4 months

Semester Four

BIOL 275 Freshwater Plants and Animals

BIOL 279 Limnological Methods

CHEM 225 Introduction to Analytical Chemistry for WET

WET 202 Wet Capstone Project

WET 225 Computer Applications for WET

WET 226 Advanced Treatment Technologies

Graduation Requirements

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

Okanagan College to UBC-Okanagan Civil Engineering Bridge

This program allows graduates of Okanagan College's Civil Engineering Technology program to bridge into the second year Civil Engineering at UBC's Okanagan campus.

Admission Requirements

- Completion of Okanagan College's Civil Engineering Technology diploma program with a minimum cumulative grade average of 80% in all required second year courses.
- Math 122 Calculus II with a minimum 60% grade or equivalent
- Chemistry 12 or ABE CHEM 012 with a minimum 60% grade, or Chemistry 11 or ABE CHEM 011 with a minimum 75% or equivalent

Program Outline

CHEM 111 Principles of Chemistry I

MATH 221 Introduction to Linear Algebra

PHYS 215 Thermodynamics

COSC 111 Computer Programming I

ENGL 100 University Writing

Completion Requirements

Students must achieve a minimum of 60% in each bridge program course and a minimum combined average of 70% in all courses other than English 100 to be accepted into UBC's Okanagan Campus engineering degree program.

Okanagan College Electronic Engineering Technology Bridge to UBC Okanagan Electrical Engineering

Upon completion of this program, graduates of Okanagan College's Electronic Engineering Technology program will be able to bridge into second year, second semester of Electrical Engineering at UBC Okanagan.

The program consists of courses intended to broaden and deepen the student's knowledge to allow them to succeed in the Electrical Engineering degree program at UBC-O. It has been developed in cooperation with UBC-O. The program uses existing courses offered by Okanagan College and can be taken part-time. Some courses may be taken through Distance Education (ENGL 100, some Arts/Humanities). The program will take one semester full-time, or longer if taken part-time.

Admission Requirements

- Completion of Okanagan College's Electronic Engineering Technology diploma program with a minimum cumulative grade average of 80% in all required second year courses.
- Chemistry 12 or ABE CHEM 012 with a minimum 60% grade, or Chemistry 11 or ABE CHEM 011 with a minimum 75% or equivalent

Program Outline

ENGL 100 University Writing

CHEM 111 Principles of Chemistry I

MECH 134 Statics

MECH 133 Materials Technology
MATH 221 Introduction to Linear Algebra

PHYS 215 Thermodynamics

Completion Requirements

Students must achieve a minimum of 60% in each bridge course and achieve a combined grade average of a minimum of 70% in CHEM 111, MECH 134, MATH 212, and PHYS 215 to be eligible for admissions to the UBCO Electrical Engineering program.

Okanagan College to UBC-
Okanagan Mechanical Engineering Bridge

Upon completion of this program, students from the Okanagan College's Mechanical Engineering Bridge program will be able to bridge into second year, second semester of the Mechanical Engineering Degree program at UBC's-Okanagan Campus.

Admission Requirements

- Completion of Okanagan College's Mechanical Engineering Technology diploma program with a minimum cumulative grade average of 80% in all required second year courses.
- Math 122 Calculus II with a minimum 60% grade or equivalent
- Chemistry 12 or ABE CHEM 012 with a minimum 60% grade, or Chemistry 11 or ABE CHEM 011 with a minimum 75% or equivalent

Program Outline

ENGL 100 University Writing

CHEM 111 Principles of Chemistry I

MATH 221 Introduction to Linear Algebra

MATH 257 Mathematics for Electronic Engineering Technology III

Completion Requirements

Students must achieve a minimum of 60% in each bridge program course and a minimum combined average of 70% in all courses other than English 100 to be accepted into UBC’s Okanagan Campus engineering degree program.

Business Administration

The Okanagan School of Business offers students practical and applied business education to prepare them for employment in the workplace. The School has three departments: Business Administration, Office Administration and Commercial Aviation.

The Business Administration department offers a four-year Bachelor of Business Administration (BBA) degree focused on business in the Canadian and international context; a two-year Diploma in Business Administration with options in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management, Marketing, and General Studies; and various certificate programs to serve the needs of part-time students who wish to obtain training and certification in specific areas of business.

Business Administration diploma and degree programs have a co-operative education component, which provides students with the opportunity for work-related experiences to enhance their education. The co-op work terms also ensure that the programs continue to meet workplace requirements.

The Okanagan School of Business believes in lifelong learning and strives for ladder opportunities for all learners. Course offerings are available to full-time and part-time students on campus or by distance delivery. Prior learning assessment (PLA) is available for those with previous education, training or work experience. Bridging opportunities exist for students from Office Administration and other departments to move into the Business Administration program.

Graduates of the Business Administration program benefit from extensive transferability to various professional associations.

All professors and instructors in the faculty are dedicated to student success and ensuring that the program meets the needs of students and employers. Faculty members set a high standard on expected performance - both for their students and for themselves. They remain current in their field through professional development activities and various research activities. All faculty members have work experience that qualifies them to be the experts in the field in which they are teaching.

Office Administration Program: Graduates of Office Administration programs have excellent communication skills, are proficient in a variety of software programs and possess a good knowledge of
the business environment. Office Administration graduates are key members of business organizations, have up-to-date skills, are able to solve problems and exercise good judgement. Students can choose from entry-level programs to specialty programs. This program ladders from one certificate to another as well as to other programs within Okanagan College and other institutions.

**Commercial Aviation Program:** Okanagan College offers a Commercial Aviation diploma with Southern Interior Flight Centre - Kelowna. This program is designed for men and women who are interested in pursuing a career in aviation. The program provides students with academic experience in conjunction with the aviation training required by Transport Canada. In addition to receiving aviation experience, graduates are prepared to enter into the field of commercial aviation. Careers include piloting for charter companies, regional carriers and private corporations, and may lead to job opportunities with major airline companies.

**Bachelor of Business Administration**

This unique four-year degree program focuses on business in the Canadian and international context. Year one of the program provides a solid foundation in general business. In subsequent years, specializations are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management, and Marketing. A General Studies specialization is also available to those who want to take elective courses from a variety of specialties. Business and non-business electives are also part of the program.

**Admission Requirements**

**Entry into the first year of the degree program:**

**Regular Applicants**

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or [alternatives](#).
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Precalculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12 or the equivalent Provincial Level Adult Basic Education mathematics course.

Secondary students who enter the Business Administration degree or diploma program with a minimum grade of 73% in Accounting 12 may request credit for BUAD 111 (Financial Accounting I).

**Selective Admission Process:** Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

**Mature Applicants**

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

**Qualifying status:** Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

**Entry into the third year of the degree program:**

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
• Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
• Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting
BUAD 269 Human Resources Management
BUAD 315 Management Science
BUAD 425 Business and Canadian Government Policy
BUAD 340 Strategic Management I

and one of:

BUAD 272 Business Simulation
BUAD 293 Entrepreneurship

Plus:

CMNS 112 Professional Writing I

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CMNS 122 Professional Writing II

**

MATH 114 Business Mathematics

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STAT 124 Business Statistics

*

ECON 115 Principles of Microeconomics

ECON 125 Principles of Macroeconomics

PHIL 350 Business Ethics

21 credits of Business electives at the 300 level or higher

15 credits of Business electives at the 100 level or higher

12 credits of Business or non-business electives at the 300 level or higher

3 credits of Business or non-business electives at the 100 level or higher

9 credits of non-business electives at the 100 level or higher

Note

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Bachelor of Business Administration - Accounting Specialty

Admission Requirements

Entry into the first year of the degree program:

Regular Applicants

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Secondary students who enter the Business Administration degree or diploma program with a minimum grade of 73% in Accounting 12 may request credit for BUAD 111 (Financial Accounting I).

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.
Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

** BUAD 111 Financial Accounting I
** BUAD 116 Marketing
** BUAD 123 Management Principles
** BUAD 128 Computer Applications I
** BUAD 195 Financial Management
** BUAD 209 Business Law
** BUAD 262 Organizational Behaviour
** BUAD 264 Management Accounting
** BUAD 269 Human Resources Management
** BUAD 315 Management Science
** BUAD 425 Business and Canadian Government Policy
** BUAD 340 Strategic Management I

and one of:

** BUAD 272 Business Simulation
** BUAD 293 Entrepreneurship

Plus:

** CMNS 112 Professional Writing I
** CMNS 122 Professional Writing II
** MATH 114 Business Mathematics
** STAT 124 Business Statistics
** ECON 115 Principles of Microeconomics
** ECON 125 Principles of Macroeconomics

** PHIL 350 Business Ethics

21 credits of Business electives at the 300 level or higher

15 credits of Business electives at the 100 level or higher

12 credits of Business or non-business electives at the 300 level or higher

3 credits of Business or non-business electives at the 100 level or higher

9 credits of non-business electives at the 100 level or higher

Note

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.

Students who entered a business program prior to 2003 should check the Okanagan College School of Business website at www.okanagan.bc.ca/business.

Accounting Specialty

While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Accounting.

Required courses:

** BUAD 121 Financial Accounting II
** BUAD 208 Canadian Income Tax I
** BUAD 263 Intermediate Accounting I
** BUAD 273 Intermediate Accounting II

Plus four of:
BUAD 352 Data Analytics in Accounting
BUAD 359 Accounting - Contemporary Perspectives and Issues in Accounting
BUAD 365 Cost Accounting
BUAD 367 Fraud Examination
BUAD 368 Selected Topics: Advanced Accounting
BUAD 469 Selected Topics: Advanced Accounting
BUAD 369 Canadian Income Tax II
BUAD 363 Audit Planning
BUAD 462 Advanced Financial Accounting
BUAD 466 Advanced Managerial Accounting
BUAD 463 Internal Control & Auditing

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Students who wish to specialize in Accounting must meet the specialty requirements listed below under Accounting Specialty. Students who only meet the basic requirements will continue to earn a general studies BBA.

Bachelor of Business Administration - Finance Specialty

Admission Requirements

Entry into first year of the degree program:

Regular Applicants

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Secondary students who enter the Business Administration degree or diploma program with a minimum grade of 73% in Accounting 12 may request credit for BUAD 111 (Financial Accounting I).

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an
Associate Degree in Arts or Science with a minimum grade average of 67%.

- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

- **BUAD 111** Financial Accounting I
- **BUAD 116** Marketing
- **BUAD 123** Management Principles
- **BUAD 128** Computer Applications I
- **BUAD 195** Financial Management
- **BUAD 209** Business Law
- **BUAD 262** Organizational Behaviour
- **BUAD 264** Management Accounting
- **BUAD 269** Human Resources Management
- **BUAD 315** Management Science
- **BUAD 425** Business and Canadian Government Policy
- **BUAD 340** Strategic Management I
- and one of:
  - BUAD 272 Business Simulation
  - BUAD 293 Entrepreneurship
  - CMNS 112 Professional Writing I
    - CMNS 122 Professional Writing II
  - MATH 114 Business Mathematics
    - STAT 124 Business Statistics
    - ECON 115 Principles of Microeconomics
    - ECON 125 Principles of Macroeconomics
    - PHIL 350 Business Ethics
  - 21 credits of Business electives at the 300 level or higher
  - 15 credits of Business electives at the 100 level or higher
  - 12 credits of Business or non-business electives at the 300 level or higher
  - 3 credits of Business or non-business electives at the 100 level or higher
  - 9 credits of non-business electives at the 100 level or higher

Note

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120
and MATH 160 cannot be used as non-business electives in the BBA program.

**Finance Specialty**

While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Finance.

Eight courses from the following:

- **BUAD 208** Canadian Income Tax I
- **BUAD 234** Retirement Income Planning
- **BUAD 235** Insurance and Estate Planning
- **BUAD 250** Canadian Securities
- **BUAD 251** Personal Financial Planning
- **BUAD 296** Long-term Capital Management
- **BUAD 350** Capital Markets
- **BUAD 353** Derivative Securities
- **BUAD 354** Financial Modelling for Equity Analysis and Valuation
- **BUAD 356** Taxation and Investment Planning
- **BUAD 360** Canadian Financial Institutions
- **BUAD 361** Selected Topics: Finance
- **BUAD 468** Selected Topics: Finance
- **BUAD 369** Canadian Income Tax II
- **BUAD 450** Investment Management
- **BUAD 460** Investing in Financial Institutions
- **BUAD 461** Applied Corporate Finance

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Students who wish to specialize in Financial Services must meet the specialty requirements listed below under Finance Specialty. Students who only meet the basic requirements will continue to earn a general studies BBA.

**Bachelor of Business Administration - Tourism and Hospitality Management Specialty**

The degree specialty provides students with an understanding of business and management practices within the global tourism and hospitality sector as well as a foundation in general business. The first year of the program provides a solid foundation in general business and the business of tourism. The second year provides experiential learning in the Okanagan wine and culinary tourism and hospitality sectors. The third and fourth years further develop the student’s analytical and critical thinking skills needed to succeed in the tourism and hospitality sectors. Graduates are prepared for a career path leading to management positions within the tourism and hospitality sector.

**Admission Requirements**

**Entry into the first year of the degree program:**

**Regular Applicants**

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
  
  Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Secondary students who enter the Business Administration degree or diploma program with a
minimum grade of 73% in Accounting 12 may request credit for BUAD 111 (Financial Accounting I).

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

- BUAD 111 Financial Accounting I
- BUAD 116 Marketing
- BUAD 123 Management Principles
- BUAD 128 Computer Applications I
- BUAD 195 Financial Management
- BUAD 209 Business Law
- BUAD 262 Organizational Behaviour
- BUAD 264 Management Accounting
- BUAD 269 Human Resources Management
- BUAD 315 Management Science
- BUAD 425 Business and Canadian Government Policy
- BUAD 340 Strategic Management I
- BUAD 293 Entrepreneurship

Plus:

- CMNS 112 Professional Writing I
- CMNS 122 Professional Writing II
- MATH 114 Business Mathematics

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STAT 124  Business Statistics  

ECON 115  Principles of Microeconomics  

ECON 125  Principles of Macroeconomics  

PHIL 350  Business Ethics  

21 credits of Business electives at the 300 level or higher  

15 credits of Business electives at the 100 level or higher  

12 credits of Business or non-business electives at the 300 level or higher  

3 credits of Business or non-business electives at the 100 level or higher  

9 credits of non-business electives at the 100 level or higher  

Note  

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.  

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.  

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.  

Students who entered a business program prior to 2003 should check the Okanagan College School of Business website at www.okanagan.bc.ca/business.  

Tourism and Hospitality Management Specialty  

While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Tourism and Hospitality Management:  

BUAD 115  Introduction to Tourism  

or TOUR 105  Introduction to Tourism  

or BUAD 206  

BUAD 215  Restaurant Management  

BUAD 220  Hotel Management  

BUAD 230  Wine and Culinary Tourism  

Plus four of:  

BUAD 308  Multicultural Management  

BUAD 332  Selected Topics: Tourism and Hospitality  

BUAD 432  Selected Topics: Tourism and Hospitality  

BUAD 351  Tourism Planning and Development  

BUAD 358  Global Trends in Tourism and Hospitality  

BUAD 449  Sustainable Tourism and Stewardship  

Consider the following courses when selecting additional electives:  

BUAD 309  Social Entrepreneurship  

BUAD 335  Electronic Commerce  

BUAD 334  Events Planning  

BUAD 336  Services Design & Development  

BUAD 345  Consumer Behaviour  

BUAD 370  Leadership  

BUAD 390  Properties Management  

BUAD 470  Customer Relationship Management  

Graduation Requirements  

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.  

Students who wish to specialize in Hospitality and Tourism Management must meet the specialty requirements listed below under Hospitality and Tourism Management Specialty. Students who only meet the basic requirements will continue to earn a general studies BBA.
Bachelor of Business Administration - Human Resources Management Specialty

Admission Requirements

Entry into the first year of the degree program:

Regular Applicants

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Secondary students who enter the Business Administration degree or diploma program with a minimum grade of 73% in Accounting 12 may request credit for BUAD 111 (Financial Accounting I).

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

BUAD 111 Financial Accounting I
**BUAD 116**  Marketing  
**BUAD 123**  Management Principles  
**BUAD 128**  Computer Applications I  
**BUAD 195**  Financial Management  
**BUAD 209**  Business Law  
**BUAD 262**  Organizational Behaviour  
**BUAD 264**  Management Accounting  
**BUAD 269**  Human Resources Management  
**BUAD 315**  Management Science  
**BUAD 425**  Business and Canadian Government Policy  
**BUAD 340**  Strategic Management I  
and one of:  
**BUAD 272**  Business Simulation  
**BUAD 293**  Entrepreneurship  
Plus:  
**CMNS 112**  Professional Writing I  
**CMNS 122**  Professional Writing II  
**MATH 114**  Business Mathematics  
**STAT 124**  Business Statistics  
**ECON 115**  Principles of Microeconomics  
**ECON 125**  Principles of Macroeconomics  
**PHIL 350**  Business Ethics  
21 credits of Business electives at the 300 level or higher  
15 credits of Business electives at the 100 level or higher  
12 credits of Business or non-business electives at the 300 level or higher  
3 credits of Business or non-business electives at the 100 level or higher  
9 credits of non-business electives at the 100 level or higher  

**Note**  
*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.  
**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.  
Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.  

**Human Resources Management Specialty**  
While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Human Resource Management:  
**BUAD 246**  Recruitment and Selection  
**BUAD 247**  Training and Development  
**BUAD 248**  Occupational Health and Safety  
**BUAD 375**  Strategic Human Resource Planning  
Plus four courses from the following list, with at least one at the 400 level.  
**BUAD 201**  Conflict Resolution and Negotiation  
**BUAD 279**  Industrial Relations  
**BUAD 374**  Employment Law  
**BUAD 376**  Compensation and Benefits  
**BUAD 379**  Selected Topics: Human Resources  
**BUAD 479**  Selected Topics: Human Resources
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Students who wish to specialize in Human Resources Management must meet the specialty requirements listed Human Resources Management Specialty. Students who only meet the basic requirements will continue to earn a general studies BBA.

Bachelor of Business Administration - Management Specialty

Admission Requirements

Entry into first year of the degree program:

Regular Applicants

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116,
121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

** BUAD 111 Financial Accounting I
** BUAD 116 Marketing
** BUAD 123 Management Principles
** BUAD 128 Computer Applications I
** BUAD 195 Financial Management
** BUAD 209 Business Law
** BUAD 262 Organizational Behaviour
** BUAD 264 Management Accounting
** BUAD 269 Human Resources Management
** BUAD 315 Management Science
** BUAD 425 Business and Canadian Government Policy
** BUAD 340 Strategic Management I

and one of:

** BUAD 272 Business Simulation
** BUAD 293 Entrepreneurship

Plus:

** CMNS 112 Professional Writing I
** CMNS 122 Professional Writing II
** MATH 114 Business Mathematics

Note

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.

Management Specialty

While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Management:

** BUAD 176 Professional Sales
** BUAD 298 Small Business Management
** BUAD 370 Leadership
BUAD 382 Operations Management

Plus 4 of:
BUAD 201 Conflict Resolution and Negotiation
BUAD 283 Management Information Systems
BUAD 289 Purchasing and Materials Management
BUAD 305 Logistics and Supply Chain Management
BUAD 306 Managing Professional Service Firms
BUAD 307 Managing for Innovation
BUAD 308 Multicultural Management
BUAD 309 Social Entrepreneurship
BUAD 331 Project Management
BUAD 334 Events Planning
BUAD 336 Services Design & Development
BUAD 339 Selected Topics: Management
BUAD 439 Selected Topics: Management
BUAD 341 Introduction to Non-Profit Management
BUAD 346 Sustainable Management
BUAD 410 Organization Change and Development
BUAD 412 Strategic Performance Management
BUAD 415 New Product Development
BUAD 440
BUAD 480 Strategic Management II

Bachelor of Business Administration - Marketing Specialty

Admission Requirements

Entry into the first year of the degree program:

Regular Applicants

- B.C. secondary school graduation or equivalent.
- English 12 with minimum 70% or alternatives.
- Students graduating from secondary school in or prior to 2012: A minimum of 85% in Applications of Mathematics 12 or a minimum of 60% in either Principles of Mathematics 12 or an equivalent Provincial Level Adult Basic Education mathematics course.
  Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 12, Foundations of Mathematics Grade 12, or Apprenticeship and Workplace Mathematics Grade 12, Apprenticeship Mathematics 12, or the equivalent Provincial Level Adult Basic Education mathematics course.

Selective Admission Process: Applicants will be granted admission based on their grade average for English, Mathematics and two other academic courses chosen to the advantage of the applicant.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time secondary study for at least one year. Secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 5. Mature applicants without Mathematics 12 can take the Mathematics diagnostic test, administered by Okanagan College. A minimum score of 20/25 is required.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be
allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Entry into the third year of the degree program:

- Successful completion of a recognized Business Administration diploma program or equivalent with a minimum grade average of 67%; or completion of 60 university-level credits (with a minimum of 24 credits at the 200-level or higher) with a minimum grade average of 67%; or completion of an Associate Degree in Arts or Science with a minimum grade average of 67%.
- Applicants must submit a statement (500 words maximum) outlining their personal objectives and career goals.
- Applicants must submit a statement (500 word maximum) outlining their work experience and community involvement.

Selective Admission Process: Applicants will be ranked and admitted according to the grade average of their respective diploma, associate degree or 60 credits of university courses, as stated above.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

Students must complete a minimum of 120 credit hours as prescribed below:

**BUAD 111** Financial Accounting I
**BUAD 116** Marketing
**BUAD 123** Management Principles

**BUAD 128** Computer Applications I
**BUAD 195** Financial Management
**BUAD 209** Business Law
**BUAD 262** Organizational Behaviour
**BUAD 264** Management Accounting
**BUAD 269** Human Resources Management
**BUAD 315** Management Science
**BUAD 425** Business and Canadian Government Policy
**BUAD 340** Strategic Management I

and one of:

**BUAD 272** Business Simulation
**BUAD 293** Entrepreneurship

Plus:

**CMNS 112** Professional Writing I
**CMNS 122** Professional Writing II

**MATH 114** Business Mathematics

**STAT 124** Business Statistics

**ECON 115** Principles of Microeconomics
**ECON 125** Principles of Macroeconomics
**PHIL 350** Business Ethics

21 credits of Business electives at the 300 level or higher
15 credits of Business electives at the 100 level or higher
12 credits of Business or non-business electives at the 300 level or higher
3 credits of Business or non-business electives at the 100 level or higher

9 credits of non-business electives at the 100 level or higher

Note

*With permission of the department other MATH or STAT courses may be substituted. STAT 121 is an approved substitute for STAT 124.

**With permission of the department other CMNS or ENGL courses may be substituted. Six credits of CMNS or ENGL are required for graduation, but nine credits are strongly recommended.

Non-business electives must be part of a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used as non-business electives in the BBA program.

Marketing Specialty

While satisfying all the requirements outlined above for the Bachelor of Business Administration degree, students must include the following courses in their Business elective choices to specialize in Marketing:

BUAD 176 Professional Sales
BUAD 210 Introduction to Marketing Research
* BUAD 266 Advertising and Marketing Communications
* BUAD 200 Digital Marketing

Plus four of:

BUAD 278 Marketing Management
BUAD 297 Retailing
BUAD 305 Logistics and Supply Chain Management
BUAD 333 Search Marketing
BUAD 334 Events Planning
BUAD 335 Electronic Commerce

BUAD 336 Services Design & Development
BUAD 338 Selected Topics: Marketing
BUAD 438 Selected Topics: Marketing
BUAD 344 Marketing Analytics and Data Analysis
BUAD 345 Consumer Behaviour
BUAD 415 New Product Development
BUAD 433 Applied Search Marketing
BUAD 470 Customer Relationship Management

Note: *Students with credit for BUAD 268: Marketing Research are not required to take BUAD 210 or 344 and must complete five marketing electives instead of four. Students with credit for BUAD 268 must complete five marketing electives, one of which may be BUAD 344.

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Students who wish to specialize in Marketing must meet the requirements listed below under Marketing Specialty. Students who only meet the basic requirements will continue to earn a general studies BBA.

Bachelor of Business Administration Honours Program

The Bachelor of Business Administration with Honours provides students the opportunity to undertake applied business research. Students who complete this program will learn to work independently with a high standard of competency in the business environment. The Honours program requires students to acquire sophisticated analytical and communication skills.

Program Outline

To qualify for the honours degree students must complete BUAD 492 with a minimum grade of 76% and graduate from the BBA program with a minimum graduating grade average of 76%.
Graduation Requirements

Successful completion of any of the BBA Degree programs listed below with a minimum graduating grade average of 76%. Successful completion of any of the programs listed below must include successful completion of BUAD 491 and the completion of BUAD 492 with a minimum grade of 76%.

- Bachelor of Business Administration
- Bachelor of Business Administration - Accounting Specialty
- Bachelor of Business Administration - Finance Specialty
- Bachelor of Business Administration - Tourism and Hospitality Management Specialty
- Bachelor of Business Administration - Human Resources Management Specialty
- Bachelor of Business Administration - Management Specialty
- Bachelor of Business Administration - Marketing Specialty
- BBA via the Technology and CIS Bridge
- BBA via the Associate of Arts Bridge
- BBA via the Human Kinetics Pathway

Bridging Programs & Pathways into the BBA

The Business Administration department offers various pathways into the BBA degree program:

1. the Technology and CIS Bridge for graduates of Civil Engineering Technology, Water Quality and Environmental Engineering Technology, Electronic Engineering Technology, Mechanical Engineering Technology, and Computer Information Systems,
2. the Associate of Arts Bridge for students who have completed a B.C. Associate of Arts Degree, and
3. the Human Kinetics Diploma Pathway for students who have completed the requirements for a Human Kinetics Diploma.

Bridging Program into the BBA - Technology and CIS Bridge

Admission Requirements

A minimum graduating grade average of 67% in one of the following programs: Civil Engineering Technology, Water Quality and Environmental Engineering Technology, Electronic Engineering Technology, Mechanical Engineering Technology, or Computer Information Systems or equivalent.

Program Outline

Exceptions from the department: Eight courses towards the BBA for the previously completed diploma in the programs listed above, consisting of five business electives, one business or non-business elective, two business or non-business electives at the 300 or 400 level.

Required Courses

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting
BUAD 269 Human Resources Management
BUAD 315 Management Science
BUAD 425 Business and Canadian Government Policy
BUAD 340 Strategic Management I

and one of:

BUAD 272 Business Simulation
BUAD 293 Entrepreneurship

Plus:

ECON 115 Principles of Microeconomics
ECON 125 Principles of Macroeconomics
MATH 114 Business Mathematics
STAT 124 Business Statistics
**CMNS 112** Professional Writing I

**CMNS 122** Professional Writing II

*  

**PHIL 350** Business Ethics

**Elective Courses**

Nine credits of non-business electives with English or Communications recommended for three credits. Technology courses will not count as credit toward this requirement.

Six credits of non-business or business electives at 300 or 400 level.

Twenty-one credits of business electives at 300 or 400 level.

* With permission of the department, students may substitute another English or Communications course for CMNS 122; CMNS 122 is strongly recommended.

**Total: 96 credits**

**Graduation Requirements**

Graduation from the Bachelor of Business Administration Degree via the Technology and CIS Bridge requires successful completion of the prescribed and elective courses in the program outline with a minimum graduating grade average of 60%.

**Bridging Program into the BBA - Associate of Arts Bridge**

**Admission Requirements**

A minimum graduating grade average of 67% in the Associate of Arts degree.

**Program Outline**

Exceptions from the department: Eight courses towards the BBA for the previously completed diploma in the programs listed above, consisting of five business electives, one business or non-business elective, two business or non-business elective at the 300- or 400-level.

**Required Courses**

**BUAD 111** Financial Accounting I  
**BUAD 116** Marketing  
**BUAD 123** Management Principles  
**BUAD 195** Financial Management  
**BUAD 209** Business Law  
**BUAD 262** Organizational Behaviour  
**BUAD 264** Management Accounting  
**BUAD 269** Human Resources Management  
**BUAD 315** Management Science  
**BUAD 425** Business and Canadian Government Policy  
**BUAD 340** Strategic Management I  
**PHIL 350** Business Ethics  
and one of:  
**BUAD 272** Business Simulation  
**BUAD 293** Entrepreneurship  
**BUAD 295** Entrepreneurship  

**Elective Courses**

Three credits of business electives numbered 100 or higher.

Eighteen credits of business electives numbered 300 or higher.

**Total: 60 credits**

Students who have taken any of the above courses as part of their Associate Degree of Arts must substitute Business electives numbered 300 or higher to reach a total of 60 credits completed in this bridging program.

Students are expected to have taken the following courses as part of their Associate Degree of Arts: Microeconomics, Macroeconomics, six credits of Communications or English, and three credits each of Statistics, Computer Science and Mathematics.

Students who need to complete one or more of the above seven courses will not be required to complete the three credits of business electives numbered 100 or higher.
If students have not successfully completed Microeconomics they must successfully complete ECON 115.

If students have not successfully completed Macroeconomics they must successfully complete ECON 125.

If students have only three credits of Communications or English they must take an additional three credits of Communications or English courses.

If students have not taken six credits of Communications or English they must complete CMNS 112 and CMNS 122.

If students have not taken three credits of Statistics they must complete STAT 124 or STAT 121.

If students have not taken three credits of Computer Science they must complete BUAD 128.

If students have not taken three credits of Mathematics they must complete MATH 114.

**Graduation Requirements**

Graduation from the Bachelor of Business Administration Degree via the Associate of Arts Bridge requires successful completion of the prescribed and elective courses in the program outline with a minimum graduating grade average of 60%.

**Kinesiology Diploma Pathway to the BBA**

**Admission Requirements**

A minimum graduating grade average of 67% in the Human Kinetics Diploma program or equivalent.

**Program Outline**

Required Courses (19 courses, 57 credits)

- BUAD 111 Financial Accounting I
- BUAD 116 Marketing
- BUAD 123 Management Principles
- BUAD 128 Computer Applications I
- BUAD 195 Financial Management
- BUAD 209 Business Law
- BUAD 262 Organizational Behaviour
- BUAD 264 Management Accounting
- BUAD 269 Human Resources Management
- BUAD 315 Management Science
- BUAD 425 Business and Canadian Government Policy
- BUAD 340 Strategic Management I
- CMNS 112 Professional Writing I
- ECON 115 Principles of Microeconomics
- ECON 125 Principles of Macroeconomics
- MATH 114 Business Mathematics
- PHIL 350 Business Ethics

And one of:

- STAT 121 Elementary Statistics
- STAT 124 Business Statistics

And one of:

- BUAD 272 Business Simulation
- BUAD 293 Entrepreneurship

Elective Courses (7 courses, 21 credits)

21 credits of Business electives numbered 300 or higher.

Recommended:

- BUAD 308 Multicultural Management
- BUAD 334 Events Planning
- BUAD 341 Introduction to Non-Profit Management
- BUAD 370 Leadership
- BUAD 392

Total Courses: 26 courses, 78 credits

**Notes:**

Current as of July 5, 2021
1. Students may apply up to 18 credits from the list of required courses towards elective requirements for the Kinesiology Diploma. Students who have taken more than 18 credits from the list of required courses must substitute BUAD electives numbered 300 or higher to reach a total of 120 credits completed for the BBA degree.

2. Students who have completed six credits ENGL as part of their Kinesiology Diploma may apply for the CMNS 112 requirement to be waived.

3. Students who have completed three credits MATH (excluding MATH 111, MATH 120 and MATH 160), as part of their Kinesiology diploma may apply for the MATH 114 requirement to be waived.

4. Students who have completed three credits COSC (excluding COSC 122) as part of their Kinesiology diploma may apply for the BUAD 128 requirement to be waived.

Graduation Requirements

Graduation from the Bachelor of Business Administration Degree via the Kinesiology Diploma Pathway Program requires successful completion of the prescribed and elective courses in the program outline with a minimum graduating grade average of 60%.

Business Administration Diploma - General Studies Option

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.

Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.

- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course
entrance requirements have been successfully completed.

**Co-operative Education:** Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

**Program Outline**

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

*Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.*

**First Year**

- **BUAD 111** Financial Accounting I
- **BUAD 116** Marketing
- **BUAD 123** Management Principles
- **BUAD 128** Computer Applications I
- **BUAD 195** Financial Management
- **CMNS 112** Professional Writing I
- **MATH 114** Business Mathematics

And either:

- **BUAD 113** Canadian Business

(1)

or both:

- **ECON 115** Principles of Microeconomics
- **ECON 125** Principles of Macroeconomics

Six (6) credits of Electives (non-business or business)

**Second Year**

- **BUAD 209** Business Law
- **BUAD 262** Organizational Behaviour
- **BUAD 264** Management Accounting

Plus one of:

- **BUAD 272** Business Simulation
- **BUAD 293** Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

**General Studies Option**

Offered at all campuses

12 credits of BUAD and HOSP courses with at least nine credits at the 200 level or higher.

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Administration Diploma - Human Resources Management Option**

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.
Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.

First Year

- BUAD 111 Financial Accounting I
- BUAD 116 Marketing
- BUAD 123 Management Principles
- BUAD 128 Computer Applications I
- BUAD 195 Financial Management
- CMNS 112 Professional Writing I
- MATH 114 Business Mathematics

And either:

- BUAD 113 Canadian Business

(1)
or both:

**ECON 115** Principles of Microeconomics  
**ECON 125** Principles of Macroeconomics  
Six (6) credits of Electives (non-business or business)

**Second Year**

**BUAD 209** Business Law  
**BUAD 262** Organizational Behaviour  
**BUAD 264** Management Accounting  

Plus one of:  
**BUAD 272** Business Simulation  
**BUAD 293** Entrepreneurship

12 credits of specific option electives (see below)  
Six (6) credits of open electives (non-business or business)

Note:  
(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

**Human Resources Management Option**  
Offered in Kelowna  
**BUAD 269** Human Resources Management

Plus three of:  
**BUAD 201** Conflict Resolution and Negotiation  
**BUAD 246** Recruitment and Selection  
**BUAD 247** Training and Development  
**BUAD 248** Occupational Health and Safety  
**BUAD 224** Selected Topics: Human Resources  
**BUAD 279** Industrial Relations

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Administration Diploma - Management Option**

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

**Admission Requirements**

**Regular Applicants**

- B.C. secondary school graduation or equivalent.  
- *Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.*  
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

**Mature Applicants**

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive
a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.

First Year

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
CMNS 112 Professional Writing I
MATH 114 Business Mathematics

And either:

BUAD 113 Canadian Business

(1)

or both:

ECON 115 Principles of Microeconomics
ECON 125 Principles of Macroeconomics

Six (6) credits of Electives (non-business or business)

Second Year

BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting

Plus one of:

BUAD 272 Business Simulation
BUAD 293 Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

Note:

(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

Management Option

Offered in Kelowna and Vernon
BUAD 176 Professional Sales
BUAD 269 Human Resources Management

Plus two of:
BUAD 215 Restaurant Management
BUAD 220 Hotel Management
BUAD 225 Selected Topics: Management
BUAD 279 Industrial Relations
BUAD 283 Management Information Systems
BUAD 289 Purchasing and Materials Management
BUAD 293 Entrepreneurship
BUAD 298 Small Business Management
BUAD 382 Operations Management
(or BUAD 282 - Operations Management)

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Administration Diploma - Marketing Option

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business
courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.

First Year

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
CMNS 112 Professional Writing I
MATH 114 Business Mathematics

And either:

BUAD 113 Canadian Business

(1)

or both:

ECON 115 Principles of Microeconomics

ECON 125 Principles of Macroeconomics

Six (6) credits of Electives (non-business or business)

Second Year

BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting

Plus one of:

BUAD 272 Business Simulation
BUAD 293 Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

Note:

(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

Marketing Option

Offered at all campuses

BUAD 176 Professional Sales
BUAD 210 Introduction to Marketing Research

Plus two of:

BUAD 200 Digital Marketing
BUAD 226 Selected Topics: Marketing
BUAD 266 Advertising and Marketing Communications
BUAD 278 Marketing Management

BUAD 290
BUAD 291
BUAD 292
BUAD 293 Entrepreneurship
BUAD 297 Retailing
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Administration Diploma - Tourism and Hospitality Management Option

The diploma option provides students with an understanding of business and management practices within the tourism and hospitality sector as well as a foundation in general business. Year one of the program provides a solid foundation in general business and the business of tourism. The second year provides experiential learning in the Okanagan wine and culinary tourism and hospitality sectors. Graduates are ideally positioned for a career path leading to supervisory positions within the tourism and hospitality sector.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available.
to those who want to take elective courses from a variety of options.

First Year

**BUAD 111** Financial Accounting I

**BUAD 116** Marketing

**BUAD 128** Computer Applications I

**CMNS 112** Professional Writing I

**MATH 114** Business Mathematics

**BUAD 195** Financial Management

**BUAD 123** Management Principles

And either:

**BUAD 113** Canadian Business

(1)

or both:

**ECON 115** Principles of Microeconomics

**ECON 125** Principles of Macroeconomics

And

**BUAD 269** Human Resources Management

Six (6) credits of Electives (non-business or business)

Second Year

**BUAD 209** Business Law

**BUAD 262** Organizational Behaviour

**BUAD 264** Management Accounting

**BUAD 293** Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

Note:

(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

While satisfying all the requirements outlined above for the Business Administration diploma, students must include the following courses in their elective choices to specialize in Tourism and Hospitality Management:

**BUAD 115** Introduction to Tourism

or **TOUR 105** Introduction to Tourism

or **BUAD 206**

**BUAD 215** Restaurant Management

**BUAD 230** Wine and Culinary Tourism

**BUAD 220** Hotel Management

Consider the following courses when selecting additional electives:

**BUAD 176** Professional Sales

**BUAD 266** Advertising and Marketing Communications

**BUAD 269** Human Resources Management

**BUAD 293** Entrepreneurship

**BUAD 299** Conventions Management

**BUAD 227** Selected Topics: Tourism and Hospitality

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Administration Certificate**

The Business Administration Certificate program provides students with the opportunity to study areas of business such as Accounting, Financial Services, Human Resources Management, Hospitality and Tourism Management, Management and Marketing. Students completing the Business Administration Certificate are able to apply their completed course work towards the Business Administration Diploma and/or the Bachelor of Business Administration Degree. Some courses are available by distance education.
Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

12 credits of Business courses at any level
12 credits of Business courses numbered 200 or higher
Six (6) credits of Business or non-Business courses numbered 100 or higher
Business courses include all BUAD courses except BUAD 100 and BUAD 107 which cannot be used for credit in this program.

Non-Business courses must be from a diploma or degree program. COSC 122, MATH 111, MATH 120 and MATH 160 cannot be used in this program.

Note: Students admitted to other Business Administration programs who decide to meet the requirements for the Business Administration Certificate instead, must request a program change before completing 18 credits.

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Accounting

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All
Business Studies Certificates require the use of Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- *Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

BUAD 111 Financial Accounting I
BUAD 121 Financial Accounting II

Plus 4 of:

BUAD 208 Canadian Income Tax I
BUAD 236 Accounting Computer Applications
BUAD 263 Intermediate Accounting I
*BUAD 264 Management Accounting
BUAD 273 Intermediate Accounting II

*Math 114 Business Mathematics and BUAD 128 Computer Applications I are required prerequisites for BUAD 264

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Business Computer Applications

The Business Studies Certificate allows students to focus on specific disciplines. These programs will be of interest to mature students who are already employed. The series will be available in the evening.
on a two- or three-year rotation depending on the discipline. Some courses are also available by distance education. All programs in the Business Studies Certificate require the use of computers. It is recommended that students without computer experience complete a beginners level computer course before beginning their program or at the beginning of their program.

**Admission Requirements**

**Regular Applicants**

- B.C. secondary school graduation or equivalent.
- *Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.*
- *Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.*
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

**Mature Applicants**

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

**Prior Learning Assessment:** Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

**Selective Admission Process:** Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

**Qualifying status:** Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

**Co-operative Education:** Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

**Program Outline**

- **BUAD 128** Computer Applications I
- **BUAD 231** Project Management in an Information Technology Environment
- **BUAD 283** Management Information Systems
- **BUAD 335** Electronic Commerce

Plus 2 electives

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Studies Certificate - Financial Services**

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All Business Studies Certificates require the use of
Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11 or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

MATH 114 Business Mathematics
BUAD 111 Financial Accounting I
BUAD 251 Personal Financial Planning

Plus 3 of:
BUAD 195 Financial Management
BUAD 208 Canadian Income Tax I
BUAD 234 Retirement Income Planning
BUAD 235 Insurance and Estate Planning
BUAD 250 Canadian Securities
BUAD 296 Long-term Capital Management

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.
Business Studies Certificate - Tourism and Hospitality Management

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All Business Studies Certificates require the use of Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

- BUAD 111 Financial Accounting I
- TOUR 105 Introduction to Tourism
- OR TOUR 115 Accounting for Tourism
- BUAD 215 Restaurant Management
- BUAD 220 Hotel Management
- BUAD 230 Wine and Culinary Tourism

Plus one of:

- BUAD 116 Marketing
- BUAD 123 Management Principles
- BUAD 209 Business Law
- BUAD 269 Human Resources Management
- BUAD 200 Digital Marketing
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Human Resources Management

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All Business Studies Certificates require the use of Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

BUAD 123 Management Principles
BUAD 269 Human Resources Management

Plus 4 of:

BUAD 201 Conflict Resolution and Negotiation
BUAD 246 Recruitment and Selection
BUAD 247 Training and Development
BUAD 248 Occupational Health and Safety
BUAD 262 Organizational Behaviour
BUAD 279 Industrial Relations
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Marketing

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All Business Studies Certificates require the use of Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- **Students graduating from secondary school in or prior to 2012:** Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- **Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum:** A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- A minimum grade of 60 in one of English 12, English 12 First Peoples or TPC 12, or an equivalent Provincial Level Adult Basic Education English course, or a minimum score of level 4 on the Language Proficiency Index (LPI). Communications 12 is not acceptable.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

BUAD 116 Marketing
BUAD 176 Professional Sales

Plus 4 of:

BUAD 200 Digital Marketing
BUAD 210 Introduction to Marketing Research
BUAD 266 Advertising and Marketing Communications
BUAD 289 Purchasing and Materials Management

BUAD 297 Retailing

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Management

The Business Studies Certificate allows students to focus on a specific discipline. This program may be of interest to those who are already employed. Some courses are also available by distance education. All Business Studies Certificates require the use of Microsoft Office software. Computer experience is recommended.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

- BUAD 111 Financial Accounting I
- BUAD 116 Marketing
- BUAD 123 Management Principles
- BUAD 195 Financial Management
- BUAD 293 Entrepreneurship
- BUAD 298 Small Business Management
Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate for Healthcare Professionals

The Business Studies Certificate allows students to focus on specific disciplines. These programs will be of interest to mature students who are already employed. The series will be available in the evening on a two- or three-year rotation depending on the discipline. Some courses are also available by distance education. All programs in the Business Studies Certificate require the use of computers. It is recommended that students without computer experience complete a beginners level computer course before beginning their program or at the beginning of their program.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Business Studies Certificate for Healthcare Professionals consists of six courses in Business Administration for graduates of Health and Social Development certificate and/or diploma programs. It is designed to provide basic business administration skills to supplement qualifications to Certified Dental Assisting, Early Childhood Education, Home Support/Resident Care Attendant, Human Service Work; Practical Nursing or Therapist Assistant, or equivalent, for application in the various health and social development fields.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BUAD 111</td>
<td>Financial Accounting I</td>
</tr>
</tbody>
</table>
BUAD 195  Financial Management
BUAD 123  Management Principles
BUAD 269  Human Resources Management

Plus two of:
CMNS 112  Professional Writing I
BUAD 116  Marketing
BUAD 262  Organizational Behaviour
BUAD 272  Business Simulation
BUAD 336  Services Design & Development

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Business Studies Certificate - Entrepreneurship and Small Business Management

The Business Studies Certificate allows students to focus on specific disciplines. These programs will be of interest to mature students who are already employed. The series will be available in the evening on a two- or three-year rotation depending on the discipline. Some courses are also available by distance education. All programs in the Business Studies Certificate require the use of computers. It is recommended that students without computer experience complete a beginners level computer course before beginning their program or at the beginning of their program.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.

Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.

- English 12 with a minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student's highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.
Co-operative Education: Entry into the co-operative education option is a student's choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

**BUAD 111** Financial Accounting I  
**BUAD 116** Marketing  
**BUAD 123** Management Principles  
**BUAD 195** Financial Management  
**BUAD 293** Entrepreneurship  
**BUAD 298** Small Business Management

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Concentration in Communication (see Arts)

Please see this [link](#).

Post-Baccalaureate Diploma in Accounting

This two-year diploma program focuses upon the courses needed as prerequisites to enter into the CPA Professional Education Program. The program contains the 20 courses required as prerequisites to the CPA Professional Education program.

Admission Requirements

Successful completion of a recognized Bachelor Degree It is the responsibility of the student to confirm that their Bachelor Degree satisfies the degree prerequisite of the CPA Professional Education Program.

Applicants who have completed post-secondary studies outside of Canada will require a World Education Service evaluation with International Credential Advantage Package of their credentials.

Language and Math Requirements:

All applicants must meet minimum Okanagan College admission requirements.

Course exemptions:

The following courses may be eligible for exemptions, subject to conditions below:

- BUAD 111 Financial Accounting I  
- BUAD 121 Financial Accounting II  
- BUAD 113 Canadian Business  
- BUAD 195 Financial Management  
- STAT 124 Business Statistics  
- BUAD 264 Management Accounting  
- BUAD 296 Long-term Capital Management

To be granted exemption an equivalent course must have been successfully completed within 10 years.

Students cannot be granted more than five course exemptions within this program and must take appropriate alternative business courses to ensure diploma completion.

Program Outline

**Summer Session I and II**

- **BUAD 111** Financial Accounting I  
- **BUAD 121** Financial Accounting II

**Semester I**

- **BUAD 113** Canadian Business  
- **BUAD 195** Financial Management  
- **BUAD 208** Canadian Income Tax I  
- **BUAD 209** Business Law  
- **BUAD 263** Intermediate Accounting I

**Semester II**

- **BUAD 273** Intermediate Accounting II  
- **BUAD 283** Management Information Systems  
- **BUAD 296** Long-term Capital Management  
- **BUAD 264** Management Accounting  
- **BUAD 369** Canadian Income Tax II
Semester III

BUAD 462 Advanced Financial Accounting

or BUAD 362

BUAD 363 Audit Planning

STAT 124 Business Statistics

BUAD 340 Strategic Management I

Semester IV

BUAD 352 Data Analytics in Accounting

BUAD 365 Cost Accounting

BUAD 466 Advanced Managerial Accounting

or BUAD 366

BUAD 463 Internal Control & Auditing

Graduation Requirements

Successful completion of the prescribed courses as listed in the program outline with a minimum graduating grade average of 60%.

Post-Baccalaureate Diploma in Human Resources Management

This 20-course (60 credit) post-baccalaureate diploma is aimed at students with a bachelor's degree in any business or non-business program other than those with a Human Resources Management major or specialty, who wish to pursue a career in the Human Resources Management field. Students graduating with an average of 70% or higher may be eligible for an exemption from the National Knowledge Exam (NKEJ), as administered by the Chartered Professionals in Human Resources of British Columbia & Yukon. The NKE is one of the requirements to become a designated professional in Human Resources Management, known as a Chartered Professional in Human Resources (CPHR).

Course Exemptions:

The following courses may be eligible for exemptions, subject to conditions below:

BUAD 111 Financial Accounting I
BUAD 116 Marketing

BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting
BUAD 269 Human Resources Management

To be granted exemption an equivalent course must have been successfully completed within 10 years.

A maximum of five course can be exempted and replaced with appropriate alternative courses from the course listings above.

Admission Requirements

Successful completion of a recognized bachelor's degree in any non-business program.

Program Outline

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 195 Financial Management
BUAD 209 Business Law
BUAD 246 Recruitment and Selection
BUAD 247 Training and Development
BUAD 248 Occupational Health and Safety
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting
BUAD 269 Human Resources Management
BUAD 340 Strategic Management I
BUAD 375 Strategic Human Resource Planning

Plus 2 BUAD electives (one at 200 level, one at 300 level)

Plus 4 of the following HR specific electives (at least one of which must be at the 400 level)
BUAD 201 Conflict Resolution and Negotiation
BUAD 279 Industrial Relations
BUAD 374 Employment Law
BUAD 376 Compensation and Benefits
BUAD 410 Organization Change and Development
BUAD 411 HR Metrics & Analytics
BUAD 412 Strategic Performance Management

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Exemptions

The following courses may be eligible for exemptions, subject to conditions below:

BUAD 111 Financial Accounting I
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications
BUAD 195 Financial Management
BUAD 209 Business Law
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting
BUAD 269 Human Resources Management

Eligibility Conditions:

To be granted exemption an equivalent course must have been successfully completed within 10 years.

A maximum of five course can be exempted and replaced with appropriate alternative courses from the course listings above.

Post-Baccalaureate Diploma in Marketing

This 20-course post-baccalaureate diploma is aimed at students with a bachelor degree in any non-business program other than those with a marketing major or specialty who wish to pursue a career in the marketing field.

Admission Requirements

Successful completion of a recognized Bachelor Degree in any non-business program.

Program Outline

Semester 1
BUAD 111 Financial Accounting I
BUAD 113 Canadian Business
BUAD 116 Marketing
BUAD 123 Management Principles
BUAD 128 Computer Applications I

Semester 2
BUAD 176 Professional Sales
BUAD 195 Financial Management
BUAD 210 Introduction to Marketing Research
BUAD 262 Organizational Behaviour
BUAD 264 Management Accounting

Semester 3
BUAD 200 Digital Marketing
BUAD 345 Consumer Behaviour

One of:
BUAD 272 Business Simulation
BUAD 293 Entrepreneurship

and two BUAD electives*

Semester 4
BUAD 340 Strategic Management I
and four BUAD electives*

*The six BUAD electives must be chosen from the following:

STAT 124 Business Statistics
BUAD 209 Business Law
BUAD 266 Advertising and Marketing Communications
BUAD 297 Retailing
BUAD 333 Search Marketing
BUAD 334 Events Planning
BUAD 335 Electronic Commerce
BUAD 336 Services Design & Development
BUAD 344 Marketing Analytics and Data Analysis
BUAD 433 Applied Search Marketing
BUAD 470 Customer Relationship Management

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Post-Baccalaureate Diploma in Marketing and Data Analytics

This unique two-year post-baccalaureate diploma (60 credit/20 course) is aimed at students with a bachelor degree in any business or science program who wish to pursue a career in Marketing and Data Analytics. Students will receive thorough training in statistics and data science. Term one of this program sets the mathematical and statistical foundation for higher level learning in the marketing and data science area. In subsequent terms, students build on, and apply, these foundational skills to a diverse set of areas. While many of the applications have a business or marketing focus, the mathematical, statistical, and data science concepts learned are universally applicable to a wide range of disciplines.

Admission Requirements

Successful completion of a recognized Bachelor Degree in any business or science program. A post-secondary basic calculus course, or equivalent, is highly recommended.

A student who has completed a recognized undergraduate degree in a non-business or non-science program may be admitted to the program provided they pass the Okanagan College Basic Algebra Proficiency Test with a minimum score of 20/25 AND the Calculus Readiness Test with a minimum score of 16/25.

Program Outline

Semester 1

DSCI 300 Data Wrangling and Visualization
DSCI 310 Mathematics Computation
BUAD 336 Marketing
STAT 230 Elementary Applied Statistics
MATH 314 Calculus and Linear Algebra with Business Applications

Semester 2

DSCI 400 Machine Learning I
BUAD 123 Management Principles
BUAD 200 Digital Marketing
BUAD 210 Introduction to Marketing Research
STAT 240 Applied Statistics II

Semester 3

DSCI 401 Machine Learning II
BUAD 283 Management Information Systems
STAT 310 Regression Analysis
BUAD 344 Marketing Analytics and Data Analysis
Elective - any three credit academic course

Semester 4

MATH 251 Introduction to Discrete Structures
**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Administration Diploma - Financial Services Option**

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

**Admission Requirements**

**Regular Applicants**

- B.C. secondary school graduation or equivalent.
- *Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.*
- *Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.*
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

**Mature Applicants**

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

**Prior Learning Assessment:** Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

**Selective Admission Process:** Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

**Qualifying status:** Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

**Co-operative Education:** Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

**Program Outline**

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24.
credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.

First Year

**BUAD 111** Financial Accounting I

**BUAD 116** Marketing

**BUAD 123** Management Principles

**BUAD 128** Computer Applications I

**BUAD 195** Financial Management

**CMNS 112** Professional Writing I

**MATH 114** Business Mathematics

And either:

**BUAD 113** Canadian Business

(1)

or both:

**ECON 115** Principles of Microeconomics

**ECON 125** Principles of Macroeconomics

Six (6) credits of Electives (non-business or business)

Second Year

**BUAD 209** Business Law

**BUAD 262** Organizational Behaviour

**BUAD 264** Management Accounting

Plus one of:

**BUAD 272** Business Simulation

**BUAD 293** Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

Note:

(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

Financial Services Option

Offered in Kelowna

**BUAD 235** Insurance and Estate Planning

**BUAD 251** Personal Financial Planning

Plus Two of:

**BUAD 176** Professional Sales

**BUAD 208** Canadian Income Tax I

**BUAD 233** Financial Planning Fundamentals

**BUAD 234** Retirement Income Planning

**BUAD 250** Canadian Securities

**BUAD 223** Selected Topics: Financial Services

**BUAD 296** Long-term Capital Management

**BUAD 356** Taxation and Investment Planning

**BUAD 369** Canadian Income Tax II

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Business Administration Diploma - Accounting Option**

The diploma program provides students with a broad understanding of business practices. With the experience and skills learned in the classroom, students will be able to progress to more responsible roles in accounting, marketing, operations, personnel or general administration. Year one of the program provides a solid foundation in general business. Options are available in Accounting, Financial Services, Hospitality and Tourism Management,
Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- **Students graduating from secondary school in or prior to 2012:** Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- **Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum:** A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Business Administration diploma program with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111.

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Prior Learning Assessment: Where a student has prior learning in the following courses BUAD 111, 116, 121, 128, 176 and 293, credit may be awarded if the student successfully passes a challenge exam. Contact the Business Administration department for more information.

Selective Admission Process: Admission of regular senior secondary applicants will be based on the grade average (GA) on English 12, Mathematics 11 and two other of the student’s highest provincially recognized Grade 12 courses.

Qualifying status: Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the business program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business courses, any three for which they satisfy the prerequisites. Qualifying first-year business students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.

Co-operative Education: Entry into the co-operative education option is a student’s choice, and subject to completion of all first-year courses and an overall grade average of 65%.

Program Outline

The Diploma in Business Administration consists of 60 credits. All students take 27 credits in core business foundation courses plus first-year courses in English, Mathematics and Economics (or BUAD 113). Students then select at least 12 credits out of 24 credits in electives from a specialty option of study. Options are available in Accounting, Financial Services, Hospitality Tourism Management, Human Resources Management, Management and Marketing. A General Studies option is also available to those who want to take elective courses from a variety of options.

Students who enrolled in the Business Administration program before September 2003 will require 72 credits to graduate.

First Year

- **BUAD 111** Financial Accounting I
- **BUAD 116** Marketing
- **BUAD 123** Management Principles
- **BUAD 128** Computer Applications I
- **BUAD 195** Financial Management
- **CMNS 112** Professional Writing I
- **MATH 114** Business Mathematics
And either:

**BUAD 113** Canadian Business

(1)

or both:

**ECON 115** Principles of Microeconomics

**ECON 125** Principles of Macroeconomics

Six (6) credits of Electives (non-business or business)

Second Year

**BUAD 209** Business Law

**BUAD 262** Organizational Behaviour

**BUAD 264** Management Accounting

Plus one of:

**BUAD 272** Business Simulation

**BUAD 293** Entrepreneurship

12 credits of specific option electives (see below)

Six (6) credits of open electives (non-business or business)

Note:

(1) ECON 115 and ECON 125 may be substituted for BUAD 113 with three credits counting as required credits and three credits counting as elective credits.

**Graduation Requirements**

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

**Post-Diploma Certificate in Business Administration**

Graduates with a diploma or degree in Business Administration from Okanagan College may receive a post-diploma certificate in Business Administration by completing an additional 18 credits of BUAD courses, of which at least 15 credits must be course numbered 200 or higher. This certificate will be of interest to students who have completed one option and now wish to broaden their studies in a second option. Certificates are available in Accounting, Financial Services, General Studies, Human Resource Management, Marketing, Management, and Tourism and Hospitality Management. Please contact the department chair for approval of your study plan.

**Office Management Certificate**

The Office Management certificate provides graduates of applied business technology and administrative assistant programs with a broad business base that emphasizes managerial aspects of secretarial work. Students will be prepared to write the proficiency exams leading to the Certified Professional Secretary designation. Courses leading to this credential will be offered during the day and evening. Some courses are available by distance education.

**Admission Requirements**

- **Students graduating from secondary school in or prior to 2012**: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.

*Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-
calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, or the equivalent Advanced Level Adult Basic Education mathematics course.

- Successful completion of a ten-month Administrative Assistant program or its equivalent, or permission of the department.

Program Outline

**BUAD 113** Canadian Business  
**BUAD 116** Marketing  
**BUAD 123** Management Principles  
**BUAD 195** Financial Management  
**BUAD 209** Business Law  
**BUAD 262** Organizational Behaviour  
**BUAD 264** Management Accounting  
**BUAD 269** Human Resources Management  
**BUAD 279** Industrial Relations  
**BUAD 283** Management Information Systems

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%.

Transferability of Business Administration Courses

Okanagan College business courses are transferable to a number of professional designations and institutes. These articulations are constantly revised and updated. Students should confirm all course transferability with the institute or professional association in which they intend to apply for course credit:

- Canadian Institute of Bookkeeping  
- Chartered Professional Accountants (CPA)  
- Credit Union Institute of Canada (CUIC)  
- Institute of Canadian Bankers (ICB)  
- Purchasing Management Association of Canada (PMAC)  
- Payroll Management Certificate Program (PMPC)  
- Canadian Institute of Financial Planners (CFP)

Canadian Institute of Bookkeeping

CIB 111 Computer Applications I:  
**BUAD 107**  
or **OADM 101**  
CIB 112 Bookkeeping I:  
**BUAD 111**  
CIB 113 Bookkeeping II:  
**BUAD 121**  
CIB 221 Computer Applications II:  
**BUAD 128**  
or **OADM 169**  
CIB 222 Computerized Bookkeeping I:  
**OADM 152**  
or **BUAD 236**  
or **BACC 241**  
CIB 223 Computerized Bookkeeping II:  
**BACC 242**  
CIB 331 Cost Management:  
**BUAD 264**  
CIB 332 Income Tax:  
**BUAD 208**  
CIB 333 Payroll Administration:  
**OADM 142**  
or **BACC 243**
Chartered Professional Accountants (CPA)

Introductory Financial Accounting:
BUAD 111
and BUAD 121

Introductory Management Accounting:
BUAD 264
and BUAD 365

Economics:
(ECON 115
and ECON 125)

or BUAD 113

Statistics:
STAT 124
or STAT 121

Intermediate Financial Reporting 1:
BUAD 263

Intermediate Financial Reporting 2:
BUAD 273

Advanced Financial Reporting:
BUAD 462

Corporate Finance:
BUAD 195
and BUAD 296

Audit and Assurance:
BUAD 363
and BUAD 463

Taxation:
BUAD 208
and BUAD 369

Intermediate Management Accounting:
BUAD 365
and BUAD 466

Performance Management:
BUAD 340
and BUAD 466

Business Law:
BUAD 209

Information Technology:
BUAD 283

Credit Union Institute of Canada (CUIC)

CUIC 110 Accounting:
BUAD 111
/BUAD 121

CUIC 120 Communications:
CMNS 112
/CMNS 122

CUIC 130 Management/ Business Administration:
BUAD 123

CUIC 140 Marketing:
BUAD 116

CUIC 150 Finance:
BUAD 195
/BUAD 296

CUIC 160 Organizational Behaviour:
BUAD 262
CUIC 170 Economics:  
**ECON 115**  
/ **ECON 225**  
or **BUAD 113**  

CUIC 180 Elective:  
**BUAD 209**  
and **BUAD 279**  

CUIC 320 Human Resources Management:  
**BUAD 269**  

CUIC 330 Information Systems Management:  
**BUAD 283**  

CUIC 350 Marketing Management:  
**BUAD 278**  

**Institute of Canadian Bankers (ICB)**  

ICB Marketing:  
**BUAD 116**  

ICB Human Resource Management:  
**BUAD 269**  

ICB Strategic Planning:  
**BUAD 340**  

ICB Business Administration:  
**BUAD 113**  
/ **BUAD 123**  

ICB Fundamentals of Accounting:  
**BUAD 111**  
/ **BUAD 121**  

ICB Economics:  
**ECON 115**  
/ **ECON 125**  

ICB Management Sciences:  
**BUAD 128**  

and one of **STAT 121**  
, **STAT 124**  

**Purchasing Management Association of Canada (PMAC)**  

PMAC M01 Marketing:  
**BUAD 116**  

PMAC M02 Organizational Behaviour:  
**BUAD 262**  

PMAC M03 Management Accounting:  
**BUAD 264**  

PMAC M04 Financial Management:  
**BUAD 195**  
/ **BUAD 296**  

PMAC M05 Operations Management:  
**BUAD 282**  

PMAC M06 Business Policy:  
**BUAD 272**  

PMAC M08 Introduction to Management:  
**BUAD 123**  

PMAC M09 Financial Accounting:  
**BUAD 111**  
/ **BUAD 121**  

PMAC M10 Macroeconomics:  
**BUAD 125**  

PMAC M11 Law:  
**BUAD 209**  

PMAC B12 Computer Science:  

Payroll Management Certificate Program (PMPC)

PMPC A1 Accounting I:

BUAD 111

PMPC A1 Accounting I:

BUAD 128

PMPC B1 Business Writing:

CMNS 112

PMPC B2 Interpersonal Skills:

BUAD 262

PMPC B3 Accounting II:

BUAD 121

PMPC B3 Supervisory Skills:

BUAD 370

PMPC B3 Taxation:

BUAD 369

PMPC C1 Managerial Accounting:

BUAD 195

BUAD 264

PMPC C2 Management Skills:

BUAD 123

PMPC C3 Compensation and Benefits:

BUAD 245

PMPC C3 Human Resources Management:

BUAD 269

BUAD 375

PMPC C3 Labour Relations:

BUAD 279

Note: The above program is being phased out by the Canadian Payroll Association. See www.payroll.ca for details.

Canadian Institute of Financial Planners (CFP)

CFP Personal Financial Planning:

BUAD 195

, MATH 114

, BUAD 251

, BUAD 209

CFP Personal Financial Planning:

BUAD 208

, BUAD 356

CFP Comprehensive Practices in Risk and Retirement Planning:

BUAD 234

CFP Wealth Management and Estate Planning:

BUAD 235

Concentration in Computer Information Systems (see University Studies - Science)

Please see University Studies - Science.

Commercial Aviation

Commercial Aviation Diploma

Please note, students entering the September intake must have their Private Pilot's License. Those entering the program in January do not require their Private Pilot's License until September. This admission requirement can be satisfied by taking the required private pilot's training courses and labs (AVIA 104, 105, 106, 107).
The Commercial Aviation Diploma (CAD) program is for individuals who are interested in pursuing a career in commercial aviation. The program provides students with university-level business competencies as well as Transport Canada commercial aviation licensing requirements. Graduates are qualified to be employed as pilots with charter companies, regional carriers and private corporations, and upon attaining sufficient flying hours, will also have job opportunities with major airline companies. Graduates may also find employment in other aviation-related careers.

The Commercial Aviation diploma program consists of two distinct and separate areas of study - aviation and flight training courses, and university-level academic courses. The flight training is taught at the Southern Interior Flight Centre facility located at the Kelowna International Airport and consists of Transport Canada-prescribed flight training, simulator training, aviation theory and exams. The academic portion of the program is completed at Okanagan College and consists of eight 3-credit courses taken as part of this program.

The Commercial Aviation program is made available through a co-operative partnership between Okanagan College and the Southern Interior Flight Centre (1993) Ltd. The academic portion offered by Okanagan College is subject to normal Okanagan College regulations and tuition fees. The aviation and flight training portion is offered by Southern Interior Flight Centre and is not subject to Okanagan College control and regulations, although all tuition fees for academic courses and flight training are paid to Okanagan College. Okanagan College will maintain records of the student's flight training achievements as provided by Southern Interior Flight Centre on the official Okanagan College transcript.

Fees (subject to change): Students without an approved Canadian Private Pilot's Licence can expect to pay an additional fee. Tuition fees for the flying portion are dependent upon the number of hours required to complete the flying and training requirements. These hours will vary according to the skill level of individual students. Please note that students who book an aircraft, simulator or instructor are responsible for related charges and cancellation penalties will apply.

Student Dress and Survival Equipment: Students will be required to wear the prescribed clothing for commercial pilots and should anticipate the costs of purchasing and maintaining their clothing. Prescribed clothing consists of: black pants, socks, dress shoes, and tie plus a white "pilot" shirt. Students should anticipate preparing and maintaining their own personal survival pack to be carried on cross-country flights.

Course Registration Requirements: Aviation courses must be taken in the prescribed order and must be taken in concurrent blocks each semester as shown in the program outline below. All semesters must be taken contiguously (with allowance for summer break). Students unable to meet this requirement must withdraw from the program.

Career Opportunities: include pilots with charter companies, regional carriers and private corporations as well as additional job opportunities with major airline companies.

Admission Requirements

- B.C. secondary school graduation (or its equivalent), or mature student status.
- English 12 with minimum 60% or alternatives.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- Category 1 Aviation Medical.
- Letter of recommendation from the Southern Interior Flight Centre indicating successful completion of a personal interview, aptitude test, and proof of financial ability.
- Proof of ability to meet Transport Canada Aviation Language Proficiency Requirements.

NOTE: Canadian private pilot training is included in the program and requires a minimum of two semesters of full-time attendance. Students must complete the Canadian Private Pilot Licence prior to continuing in the program. Students with a Canadian Private Pilot's licence at admission, with approval of Southern Interior Flight Centre, may be granted exemptions from the private pilots training courses and labs -AVIA 104, AVIA 105, AVIA 106, and AVIA 107. Contact the flying school for details.
Program Outline

Students must complete the program as prescribed below:

Required aviation courses*:

Semester 1

**AVIA 104** Introduction to Aviation Theory
**AVIA 105** Professional Aviation Radio Communications and Theory
**AVIA 106** Pilot Skills Lab I
**AVIA 107** Pilot Skills Lab II
**AVIA 112** Navigation and Air Regulations I
**AVIA 113** Meteorology I
**AVIA 114** Flight and Aircraft Systems I
**AVIA 115** Flight Lab I

Semester 2

**AVIA 122** Navigation and Air Regulations II
**AVIA 123** Meteorology II
**AVIA 124** Flight and Aircraft Systems II
**AVIA 125** Flight Lab II

Semester 3

**AVIA 212** Advanced Flight Operations I
**AVIA 213** Instrument Procedures
**AVIA 214** Advanced Avionics
**AVIA 215** Flight Lab III

Semester 4

**AVIA 222** Advanced Flight Operations II
**AVIA 225** Flight Lab IV
**AVIA 226** Human Factors
**AVIA 227** Aviation Skills

Required academic courses**:

**BUAD 111** Financial Accounting I
**BUAD 116** Marketing
**BUAD 123** Management Principles
**BUAD 128** Computer Applications I
**BUAD 251** Personal Financial Planning
**BUAD 262** Organizational Behaviour
**CMNS 112** Professional Writing I
**MATH 114** Business Mathematics

* Aviation courses must be taken in a prescribed order and must be taken in concurrent blocks, see course descriptions for details.

** 24 credits of academic courses must be completed as part of this program; substitute courses may be approved as appropriate.

Graduation Requirements

Successful completion of the required courses as listed in the program outline with a minimum graduating grade average of 60% and a letter from Southern Interior Flight Centre indicating satisfactory completion of aviation theory courses, Transport Canada Commercial Pilot Licence, a Multi-Engine Instrument rating, and the IATRA written exam.

Commercial Helicopter Pilot Certificate

The Commercial Helicopter Pilot Certificate (CHPC) will complement the objectives of the Commercial Aviation program, allowing students from both airplane and helicopter courses to share common ground school courses. This will educate students with the unique challenges of operating helicopters in Canada and internationally.

This certificate follows the Transport Canada approved curriculum and shares courses with the Commercial Aviation Diploma. This includes fundamentals and advanced skills required for commercial helicopter pilots. Students will complete the program with the skills to take the Transport Canada Commercial Helicopter Pilots written and flight tests.

Okanagan College continues to incorporate business development skills with aviation course so students
can advance their professionalism and work ethic within future career positions. By blending commercial helicopter pilot training skills with the Okanagan College School of Business, graduates will enter the industry with more advanced education than that of a general pilot.

This certificate will require two full semesters over one year with a total of 40 credits.

Graduates that successfully complete the Transport Canada written and in flight exams and accumulate a minimum of 100 hours of flight time, will be ready for employment as commercial helicopter pilots.

**Admission Requirements**

- B.C. secondary school graduation (or its equivalent), or mature student status.
- English 12 with minimum 60% or alternatives.
- **Students graduating from secondary school in or prior to 2012:** Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.
- **Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum:** A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.
- Category 1 Aviation Medical.
- Letter of recommendation from the Okanagan Mountain Helicopters FTU indicating successful completion of a personal interview, and proof of financial ability.
- Weight restriction of 200 lb or less, due to aircraft weight limitations.

Students must complete the program as prescribed below:

**Required aviation courses*:**

<table>
<thead>
<tr>
<th>Semester 1</th>
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<tbody>
<tr>
<td><strong>AVIA 104</strong> Introduction to Aviation Theory</td>
<td>HELI 110 Pilot Skills Lab I</td>
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<tr>
<td><strong>AVIA 105</strong> Professional Aviation Radio Communications and Theory</td>
<td>AVIA 112 Navigation and Air Regulations I</td>
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**Semester 2**

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<tr>
<td><strong>AVIA 113</strong> Meteorology I</td>
<td>AVIA 114 Flight and Aircraft Systems I</td>
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<tr>
<td><strong>AVIA 112</strong> Navigation and Air Regulations II</td>
<td>Semester 2</td>
</tr>
<tr>
<td><strong>AVIA 123</strong> Meteorology II</td>
<td>AVIA 124 Flight and Aircraft Systems II</td>
</tr>
<tr>
<td><strong>AVIA 122</strong> Navigation and Air Regulations II</td>
<td>HELI 120 Pilot Skills Lab II</td>
</tr>
<tr>
<td><strong>AVIA 226</strong> Human Factors</td>
<td>HELI 130 Pilot Skills Lab III</td>
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<tr>
<td><strong>AVIA 227</strong> Aviation Skills</td>
<td>MATH 114 Business Mathematics</td>
</tr>
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</table>

Required academic courses,** four of the following:

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<tbody>
<tr>
<td><strong>BUAD 111</strong> Financial Accounting I</td>
<td>BUAD 116 Marketing</td>
</tr>
<tr>
<td><strong>BUAD 123</strong> Management Principles</td>
<td>BUAD 201 Conflict Resolution and Negotiation</td>
</tr>
<tr>
<td><strong>BUAD 251</strong> Personal Financial Planning</td>
<td>BUAD 262 Organizational Behaviour</td>
</tr>
<tr>
<td><strong>CMNS 112</strong> Professional Writing I</td>
<td><strong>CMNS 212</strong> Professional Communication Skills</td>
</tr>
</tbody>
</table>

Students unable to meet this requirement must withdraw from the program.

**Graduation Requirements**

Successful completion of the required courses as listed in the program outline with a minimum
graduating grade average of 60% and a letter from Okanagan Mountain Helicopters indicating satisfactory completion of aviation theory courses and Transport Canada Commercial Pilot License.

**Office Administration**

**Administrative Assistant Certificate**

The Administrative Assistant Certificate program is a 1,110 hour (37 week) certificate program which includes word processing, spreadsheet, database, desktop publishing, computerized accounting, and presentation software. Students also learn business communications, business math, office procedures, effective job search techniques, accounting, and self-management skills. There is a three-week practicum component to this certificate.

The Administrative Assistant Certificate program is offered on campus as well as online. On-site students are normally enrolled full time; students wishing to take courses on campus on a part-time basis should consult with the department chair. Online students may complete the program part time.

Graduates may be employed as receptionists, general clerks, administrative or executive assistants, and other similar careers.

Graduates may also continue their education as the Administrative Assistant Certificate program is recognized by other programs such as the Okanagan College Legal Administrative and Medical Administrative Assistant Certificate programs. As well, select courses transfer to the Okanagan College Business Administration, Canadian Institute of Bookkeeping (CIB), and the Canadian Payroll Association programs.

**Admission Requirements**

- B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 11 with minimum 50% or alternatives; or a minimum score of 70% on an Okanagan College Office Administration English entrance test.

**Program Outline**

- **OADM 110** Communications I
- **OADM 111** Letter Writing
- **OADM 127** Administrative Assistant Simulation
- **OADM 130** Business Math and Calculators
- **OADM 132** Organizational Software
- **OADM 135** Records Management
- **OADM 136** Office Procedures
- **OADM 143** Accounting I
- **OADM 142** Payroll Accounting
- **OADM 152** Accounting Software I
- **OADM 165** Presentation Graphics
- **OADM 167** Computer Essentials and the Internet
- **OADM 168** Database
- **OADM 169A** Spreadsheet I
- **OADM 169B** Spreadsheets II
- **OADM 171** Desktop Publishing
- **OADM 174** Keyboarding
- **OADM 128** Word Processing I
- **OADM 129** Word Processing II
- **OADM 180** Self-Management Skills
- **OADM 181** Job Search Techniques
- **OADM 182** Office Practicum

**Prior Learning Assessment**

Prior Learning Assessment (PLA) allows adults with considerable life and work experience to verify that they possess the skills and/or knowledge required in some university/college level courses and receive credit for those courses. PLA is available in the following courses:

- **OADM 128** Word Processing I
- **OADM 110** Communications I
- **OADM 130** Business Math and Calculators
OADM 135 Records Management

OADM 136 Office Procedures

OADM 143 Accounting I

OADM 167 Computer Essentials and the Internet

OADM 168 Database

OADM 169 Spreadsheets

OADM 181 Job Search Techniques

Students who are in the Administrative Assistant program and pass OADM 165, 167, 169 and 128/129 may apply for equivalence for BUAD 128 Computer Applications I.

Students who are in the Administrative Assistant or Accounting/Bookkeeping programs and pass OADM 143 and 142 may apply for equivalence for BUAD 111 Financial Accounting I.

Students who are in the Administrative Assistant program and pass OADM 110, 111 and 181 may apply for equivalence for CMNS 112 Business Communication I.

Students who are in the Accounting/Bookkeeping program and pass OADM 145, 169A and 169B may apply for equivalence for BUAD 128 Computer Applications I.

Students who are in the Accounting/Bookkeeping program and pass OADM 144 may apply for equivalence for BUAD 121 Financial Accounting II.

Graduation Requirements

Minimum passing grade per course is 70%.

Office Assistant Certificate

The 510-hour (17 weeks) Office Assistant Certificate program is an entry-level program for students interested in working in business offices. Students in this program learn essential business skills such as business communications, computer essentials, office procedures, business math, word processing, spreadsheet and database software. Graduates may be employed as receptionists, file clerks, and office assistants. Graduates of this program may also choose to continue their education by enrolling in more advanced Office Administration programs such as the Accounting Assistant, Administrative Assistant, Legal Administrative Assistant, or Medical Administrative Assistant Certificate programs.

The Office Assistant Certificate program is offered on campus as well as online. On-site students are normally enrolled full-time; students wishing to take courses on site on a part-time basis should consult with the department chair. Online students may complete the program part-time.

Admission Requirements

- B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 11 with minimum 50% or alternatives; or a minimum score of 70% on an Okanagan College Office Administration English entrance test.

Program Outline

One of:

OADM 110 Communications I

OADM 130 Business Math and Calculators

OADM 132 Organizational Software

OADM 135 Records Management

OADM 136 Office Procedures

OADM 167 Computer Essentials and the Internet

OADM 169A Spreadsheet I

OADM 174 Keyboarding

OADM 128 Word Processing I

OADM 180 Self-Management Skills

OADM 181 Job Search Techniques

OADM 165 Presentation Graphics

Graduation Requirements

Graduation from the Office Assistant Certificate program requires successful completion of all courses in the program with a minimum final grade of 70 per cent in each.
Legal Administrative Assistant Certificate

There are two separate Legal Administrative Assistant Certificate programs: 1) Litigation, and 2) Corporate/Conveyancing. These two programs are independent and may be completed in any order, allowing students to start their studies in either the fall or winter semesters. Both programs prepare students for employment as legal administrative assistants; however, students who complete both certificate programs will maximize employment and career advancement opportunities.

In addition to learning highly specialized content in two distinct areas of law, students will acquire the legal office work ethic and professionalism expected of legal administrative assistants. Both programs may be completed on campus or online. Students enrolled in on-campus classes normally attend on a full-time basis and complete courses in a prearranged schedule. Online students may complete the courses on a full- or part-time basis.

Admission Requirements

Completion of Okanagan College's Office Assistant Certificate or equivalent;

Or:

1. B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes, AND

2. A minimum score of 50% in English 11 or alternatives; or a minimum score of 70% on an Okanagan College Office Administration English entrance test; AND

3. A minimum keyboarding speed of 35 net words per minute, AND

One of the following

- One full year of secretarial or administrative assistant experience within the past three years; OR
- A minimum score of 70% on an Okanagan College Office Administration computer essentials entrance test AND a minimum score of 70% on an Okanagan College Office Administration word processing entrance test.

Program Outline

Legal Administrative Assistant - Litigation

The Legal Administrative Assistant Litigation Certificate program consists of five academic courses including litigation legal office procedures, introductory and advanced litigation, family law, and personal injury. The program also includes a two-week practicum in a litigation law office. Graduates of this program will receive the Legal Administrative Assistant - Litigation Certificate.

One of:

- **LSEC 116** Litigation Legal Office Procedures

Or both:

- **LAA 116** Legal Office Procedures
- **LAA 145** Introduction to the Canadian Legal System

One of:

- **LSEC 117** Introduction to Litigation
- **LAA 100** Litigation Procedures I

One of:

- **LSEC 101** Advanced Litigation
- **LAA 101** Litigation Procedures II

One of:

- **LAA 116** Legal Office Procedures
- **LAA 112** Family Litigation Procedures

One of:

- **LSEC 130** Litigation Law Office Practicum

Legal Administrative Assistant - Corporate/Conveyancing
The Legal Administrative Assistant Corporate/Conveyancing Certificate program consists of five academic courses including introductory and advanced conveyancing, corporate law, wills and estates, and solicitor legal office procedures. The program concludes with a two-week practicum in a solicitor law office. Graduates of the program will receive the Legal Administrative Assistant - Corporate/Conveyancing Certificate.

One of:

- **LSEC 145** Solicitor Legal Office Procedures

Or Both:

- **LAA 116** Legal Office Procedures
- **LAA 145** Introduction to the Canadian Legal System

One of:

- **LSEC 140** Introduction to Conveyancing
- **LAA 140** Conveyancing Procedures I

One of:

- **LSEC 141** Advanced Conveyancing
- **LAA 141** Conveyancing Procedures II

One of:

- **LSEC 152** Corporate Law

Or Both:

- **LAA 152** Corporate Procedures I
- **LAA 153** Corporate Procedures II

One of:

- **LSEC 160** Wills and Estates
- **LAA 160** Wills and Estates

One of:

- **LSEC 131** Law Office Practicum

### Length:
- Legal Administrative Assistant - Litigation certificate - 18 weeks
- Legal Administrative Assistant - Corporate/Conveyancing certificate - 20 weeks

### Textbooks: $550 approximately for each certificate program

### Program Schedule: September to June

### Graduation Requirements

Students must pass the practicum and obtain a minimum grade of 70% in each of the remaining courses in the program to graduate.

### Accounting/Bookkeeping Certificate

This 630-hour (21-week) program is for students who wish to be accounting assistants or bookkeepers. During the program, students complete courses in business math and calculators, spreadsheets, payroll, manual and computerized accounting, and accounting office procedures, as well as a capstone course, and a three-week practicum. Graduates of the program may begin immediate employment as accounting assistants in small, medium and large businesses performing accounts payable, accounts receivable, payroll and general bookkeeping duties. Some graduates of this program may use their accounting skills to establish home-based bookkeeping businesses. Graduates may continue their education as selected courses are recognized by other organizations such as Okanagan College Business Administration, Canadian Institute of Bookkeeping (CIB) and the Canadian Payroll Association (CPA).

### Admission Requirements

- B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 11 with minimum 50% or alternatives; or a minimum score of 70% on an Okanagan College Office Administration English entrance test.
- Pass in Math 11 (or equivalent) or a minimum score of 70 on an Okanagan College Office Administration math entrance test.
Or:

- Completion of the Okanagan College Office Assistant Certificate.

Program Outline

**OADM 130** Business Math and Calculators  
**OADM 142** Payroll Accounting  
**OADM 143** Accounting I  
**OADM 144** Accounting II  
**OADM 145** Essential Office Skills  
**OADM 152** Accounting Software I  
**OADM 155** Accounting Software II  
**OADM 156** Accounting/Bookkeeping Simulation  
**OADM 169A** Spreadsheet I  
**OADM 169B** Spreadsheets II  
**OADM 181** Job Search Techniques  
**OADM 183** Practicum - Accounting

Medical Administrative Assistant Certificate

Medical Administrative Assistant (MAA) is a 480-hour online specialty certificate program designed for students with prior office administration experience or training who wish to attain the skills required to work in a medical or allied health office as a medical administrative assistant. Graduates of the Medical Administrative Assistant Certificate program may work as assistants in hospital departments including admitting, diagnostic imaging and outpatient clinics or in medical general practitioner and specialist offices and in medical clinics. Graduates work for allied health professionals in facilities such as physiotherapy offices and clinics, chiropractic offices and clinics and massage therapy and naturopathy offices and clinics. Graduates may also be employed by long-term care facilities and insurance companies.

Applicants who do not meet the entrance requirements for the MAA certificate program may take the Office Assistant Certificate or a similar program to obtain the requirements for entry into the MAA Certificate. See the Office Administration website at [www.okanagan.bc.ca/oadm](http://www.okanagan.bc.ca/oadm) for further details on other Office Administration programs.

Applicants with prior experience and training but no official transcript may meet the MAA Certificate entrance requirements by completing challenge exams in English, keyboarding, computer and word processing to prove competence in these areas.

Admission Requirements

Successful completion of Okanagan College's Office Assistant Certificate or equivalent;

Or the following:

- B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- A minimum keyboarding speed of 35 net words per minute
- A minimum score of 50% in English 11 or alternatives; or a minimum score of 70% on an Okanagan College Office Administration English entrance test; and
- One full year of experience as an administrative assistant/secretary within the past three years; or
- A minimum score of 70% on an Okanagan College Office Administration computer essentials entrance test AND a minimum score of 70% on an Okanagan College Office Administration word processing entrance test.

Program Outline

**MAA 110** Medical Terminology I  
**MAA 111** Medical Terminology II - Anatomy and Physiology  
**MAA 112** Medical Terminology III - Pharmacology and Specialties  
**MAA 120** Medical Administrative Procedures  
**MAA 126** Medical Transcription  
**MAA 130** Medical Billing - Manual  
**MAA 131** Medical Billing - Computerized  
**MAA 140** Clinical Procedures and Practice
M AA 150 Practicum - Medical

*Practicum - 6 hours per day for 15 days.

Graduation Requirements

Students will be awarded a Medical Administrative Assistant certificate upon successful completion of all courses in this program. Students must pass the practicum and attain a minimum grade of 70% or better in each course to successfully complete the program.

Food, Wine and Tourism

Bachelor of Business Administration - Tourism and Hospitality Management Specialty (see Business)

Bachelor of Business Administration - Tourism and Hospitality Management Specialty

Please see Bachelor of Business Administration - Tourism and Hospitality Management Specialty.

Business Administration Diploma - Tourism and Hospitality Management Option (see Business)

Please see Business Administration Diploma - Tourism and Hospitality Management Option.

Business Studies Certificate - Tourism and Hospitality Management (see Business)

Please see Business Studies Certificate - Tourism and Hospitality Management.

Culinary Arts Certificate

The Culinary Arts Certificate is for students with a passion for a career in the Restaurant, Food Service and Hospitality Industry and its wide variety of options. This 50 week (1,500 hour) program provides the fundamental knowledge needed for successful employment as a cook in one of the many areas of food service. This is an experiential program with emphasis on food preparation and presentation as well as basic service techniques. Located at the Kelowna campus kitchens and Infusions Restaurant the program mirrors a realistic training environment within the expected industry timeframe.

Apprenticeship technical training credit for Professional Cook Level 1 and Level 2 and 600 work based hours for Level 1 and 240 work based hours for Level 2 will be granted by the Industry Training Authority (ITA) upon successful completion of this program. Students will receive credit for Foodsafe Level 1. Apprenticeship practical training credit will also be granted by the Industry Training Authority as a result of prior practical experience.

Students must provide proof of completion of the co-op or other 400 work-based hours and successfully complete all Level 1 components prior to advancing to Level 2 components of the program. Upon successful completion of Level 1 and Level 2 requirements, students are eligible to challenge the Provincial Cook Certificate of Qualification examinations for Level 1 and Level 2.

Students wishing to pursue the Professional Cook Red Seal endorsement must provide proof of a total of 5,000 work-based hours and complete Level 3 technical training.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement: Students graduating from secondary school in or prior to 2012: Mathematics 10 or an equivalent Intermediate Level Adult Basic Education Mathematics course, or an Trades Entrance Assessment (TEA) mathematics score of at least 50%. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: One of: Apprenticeship and Workplace Mathematics 10, Workplace Mathematics 10, Foundations
Components

Completion of all courses in the program with a minimum grade of 70% in each. Students must provide proof of completion of 400 work-based training hours.

Professional Cook 1 - 30 weeks

CA 101 Lab Kitchen
CA 102 Cold Kitchen
CA 103 Hot Kitchen
CA 104 Bakery
CA 105 Restaurant

Co-op

CA 250 Culinary Arts Co-op

Professional Cook 2 - 10 weeks

CA 201 PC2 Lab
CA 205 Restaurant

Prior Learning Assessment

Prior Learning Assessment (PLA) allows adults with considerable life and work experience to verify that they possess the skills and/or knowledge required in some university/college level courses and receive credit for those courses.

Applicants to the Culinary Arts Certificate with FoodSafe Basic I and one year professional cooking experience can be assessed through a written exam and practical assessment and if successful, may proceed to the second level of training. It is highly recommended that applicants study the course text before proceeding with their application. For an application, fee schedule and more information on Prior Learning Assessment, please contact Chef Reinhard Foerderer, Culinary Arts Department at (250) 762-5445 (extension 4549) rfoerderer@okanagan.bc.ca.

Graduation Requirements

Overall minimum grade of 70% upon completion of the Culinary Arts Certificate, with a minimum of 60% for each course. Students must provide proof of completion of 400 work-based training hours.

Culinary Management Diploma

The Culinary Management Diploma examines the developing Okanagan region trend toward the combination of wineries and restaurants deeply rooted in local agricultural history. The culinary tourism focus includes wine, food, and culture locally and globally and the foundational business skills and knowledge to succeed in the tourism and hospitality industry.

The total length of the program is two years, beginning with the Culinary Arts Certificate, which includes a ten week co-op, followed by two semesters of Business Administration and Tourism academic courses. Students graduating with this diploma will receive technical training credits and hours credited towards their cook apprenticeship, plus academic credit for the Business Administration and Tourism courses completed.

An apprenticeship technical training credit for Professional Cook Level 1 and Level 2 and 600 work-based hours for Level 1 and 240 work-based hours for Level 2 will be granted by the Industry Training Authority (ITA) upon successful completion of this program. Students will also receive credit for FOODSAFE Level 1 and WHMIS (Workplace Hazardous Material Information System). Prior practical experience may also qualify for an apprenticeship practical training credit.

The students must provide proof of completion of an additional 400 work-based hours* and complete all program components before advancing to the Level 2 components of the program. The ITA required 400 hours may be obtained with the paid work-based Co-op, depending on the successful completion of the PC1 component. Upon successful completion of the Level 1 and Level 2 requirements, students are eligible to challenge the respective Provincial Cook Certificate of Qualification examinations.

Students wishing to pursue the Professional Cook Red Seal endorsement must provide proof of a total of 5,000 work-based hours and complete Level 3 technical training.

*Work-based hours must be under the direct supervision of qualified Tradespersons (Red Seal or equivalent).
Admission Requirements

Regular Applicants:

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11 or equivalent Advanced Level Adult Basic Education mathematics or a minimum of 70% in Introductory Mathematics 11 or a minimum of 60% in Applications of Mathematics 11 or a minimum of 16/25 on the math diagnostic test administered by Okanagan College.
- Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, Apprenticeship and Workplace Mathematics Grade 11, or Workplace Mathematics 11.
- English 12 with minimum 60% or alternatives.

Applicants with a minimum grade of 73% in Accounting 12 may receive credit for BUAD 111 Financial Accounting I.

Mature Students:

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Applicants may be exempt from some of the admission requirements, depending on their work experience and educational background.

Components

Year 1

Professional Cook 1 - 30 weeks

CA 101 Lab Kitchen

CA 102 Cold Kitchen

CA 103 Hot Kitchen

CA 104 Bakery

CA 105 Restaurant

Co-op - 10 weeks

CA 250 Culinary Arts Co-op

Professional Cook 2 - 10 weeks

CA 201 PC2 Lab

CA 205 Restaurant

Year 2 Academic Courses

Winter Semester

BUAD 111 Financial Accounting I

BUAD 123 Management Principles

TOUR 105 Introduction to Tourism

TOUR 230 Wine and Culinary Tourism

One Business Administration or Tourism Elective

Fall Semester

BUAD 195 Financial Management

BUAD 269 Human Resources Management

TOUR 215 Restaurant Management

BUAD 209 Business Law

One Business Administration or Tourism Elective

The two Business Administration or Tourism electives are recommended from the following:

BUAD 116 Marketing

BUAD 176 Professional Sales

BUAD 200 Digital Marketing

BUAD 220 Hotel Management

OR TOUR 220 Hotel Management

TOUR 235 Rural and Agri-Tourism Development

TOUR 240 Service Design for Tourism
Graduation Requirements

Overall minimum grade of 70% upon completion of the Culinary Arts Certificate, with a minimum of 60% for each course. Students must provide proof of completion of 400 work-based training hours.

Successful completion of Business Administration courses requires a minimum grade of 50% per course and a minimum average grade of 60%.

Pastry Arts Certificate

This 50-week (1,600 hour) certificate program includes all the craft skills needed to work as a professional Baker/Patissier, as outlined in the National Occupation Analysis for Baker Level 1. The program also includes a Co-op, providing an opportunity to experience and learn in a dynamic industry based environment.

The initial term focuses on workplace safety and organization, ingredient and finished product knowledge. This is followed by the making of breads, cakes and pastries in all their various forms from cookies to wedding cakes, pies to artisan sourdough bread, and chocolate souffle to pieces montees.

This program focuses on the wealth of farm-to-table opportunities afforded by the Okanagan region, emphasising the use of local products including premium wines, beers and spirits, both as ingredients and as beverages paired with the finished dessert or baked good. Locally-grown herbs, fruits and vegetables are featured, organically-grown grains and in-house milling are also regional features of the program.

Successful graduates will be ready for employment in any of the various settings where baked goods are required, from care homes and camps, to specialty bakeries, fine dining restaurants, hotels, resorts and cruise ships. Self-employment is also a popular option.

Admission Requirements

- B.C. secondary school graduation or equivalent or 19 years of age and out of secondary school for a minimum of one year as of the first day of class.
- English 10 with minimum 50% or alternatives.
- Math requirement: Students graduating from secondary school in or prior to 2012: Mathematics 10 or an equivalent Intermediate Level Adult Basic Education Mathematics course, or an Trades Entrance Assessment (TEA) mathematics score of at least 50%. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: One of: Apprenticeship and Workplace Mathematics 10, Workplace Mathematics 10, Foundations of Mathematics and Pre-Calculus 10, or an equivalent Intermediate Level Adult Basic Education Mathematics course, or an TEA mathematics score of at least 50%.

Program Outline

Term One

BAKP 101 Occupational Skills
BAKP 103 Quick Breads
BAKP 104 Pastries 1
BAKP 105 Creams
BAKP 106 Cakes
BAKP 107 Yeast Goods
BAKP 109 Buffet Design
BAKP 110 Practical Exam 1
BAKP 111 Theoretical Exam 1
BAKP 112 Savory Baking and Skills
BAKP 113 Frozen Desserts
BAKP 114 Plated Desserts 1
BAKP 118 Beverage Pairing

Co-op term

BAKP 150 Pastry Arts Co-op

Term Three

BAKP 115 Pastries 2
BAKP 116 Cakes and Tortes
BAKP 117  Viennoiserie
BAKP 119  Plated Desserts 2
BAKP 120  Friandise
BAKP 121  Celebration Cakes
BAKP 122  Center Pieces
BAKP 123  Artisan Breads
BAKP 124  Buffet Design 2
BAKP 125  Practical Exam 2
BAKP 126  Theoretical Exam 2

Graduation Requirements

Completion of all the courses in the program with a minimum grade of 70% in each.

Tourism Management Diploma

The next intake for this program will be Fall 2022.

The world of tourism requires talented and passionate individuals with a broad understanding of the complex, interdisciplinary nature of the industry and its ability to thrive within communities and the global marketplace. The Tourism Management Diploma provides students with an overview of the tourism industry along with management skills for this diverse and integrated industry. The program includes courses that address tourism and business management functions as well as providing opportunities to network and build connections within the sector. An integral part of the program is a co-op, as well as a faculty-supervised tourism sector study course, which will allow students to engage in experiential learning within the tourism community. Core themes include tourism and hospitality operations, sustainability, service management, marketing, and industry diversity. Upon graduation, students are well-suited for supervisory or front-line management positions in tourism and hospitality.

Admission Requirements

Regular Applicants

- B.C. secondary school graduation or equivalent.
- Students graduating from secondary school in or prior to 2012: Principles of Mathematics 11, or an equivalent Advanced Level Adult Basic Education mathematics course; or a minimum grade of 70% in Introductory Mathematics 11; or a minimum grade of 60% in Applications of Mathematics 11.

Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: A minimum of 60% in one of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11, Workplace Mathematics 11, or the equivalent Advanced Level Adult Basic Education mathematics course.

- English 12 with minimum 60% or alternatives.

Senior secondary students who enter the Tourism Management Diploma program with a minimum grade of 73% in Accounting 12 may receive credit for TOUR 115.

Senior secondary students who enter the Tourism Management Diploma program and who have completed and passed both Entrepreneurship 11 and Marketing 11 may receive credit for BUAD 116 (or TOUR 130 as courses are equivalent).

Mature Applicants

Mature applicants are at least 19 years of age and have been out of full-time senior secondary study for at least one year. Senior secondary graduation will be waived for mature applicants. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4. Mature applicants without Mathematics 11 can take the mathematics diagnostic test, administered by Okanagan College. A minimum score of 16/25 is required.

Qualifying Status

Applicants who ultimately fail to satisfy the specific English and/or math entrance requirements may be granted admission to and be allowed to remain enrolled in the Tourism Management Diploma program as qualifying students subject to the availability of space after the admission and registration of qualified applicants. Qualifying students may concurrently register in a maximum of three first-year business or tourism courses, any three for which they satisfy the prerequisites. Qualifying first-year tourism management students will not be considered to be continuing students and will, therefore, be allowed to continue in the program after the qualifying year only if all outstanding course entrance requirements have been successfully completed.
Program Outline

Required Courses:

TOUR 105 Introduction to Tourism
TOUR 115 Accounting for Tourism
TOUR 130 Tourism Marketing
TOUR 200 Tourism Sector Study
TOUR 209 Tourism Law
TOUR 215 Restaurant Management
TOUR 220 Hotel Management
TOUR 225 Emerging Trends in Destination Management
TOUR 240 Service Design for Tourism
TOUR 245 Tourism for SME
BUAD 123 Management Principles
BUAD 128 Computer Applications I
BUAD 176 Professional Sales
BUAD 200 Digital Marketing
BUAD 262 Organizational Behaviour
BUAD 269 Human Resources Management
CMNS 112 Professional Writing I

Plus 2 of:

TOUR 230 Wine and Culinary Tourism
TOUR 235 Rural and Agri-Tourism Development
TOUR 250 Eco & Adventure Tourism
TOUR 299 Conventions Management
VITT 125 Introduction to Viticulture and Wine
BUAD 227 Selected Topics: Tourism and Hospitality

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%. Students are also required to successfully complete a co-op work term.

Viticulture Certificate

The Viticulture program provides individuals with the skills and knowledge to manage a vineyard or seek employment in viticulture. Course work will emphasize the scientific principles underlying grape growing for the purpose of wine production, the various influences on grape quality, terminology, vineyard management including human resource and financial management, vineyard equipment operation and maintenance, and safety. The program consists of 267 hours of classroom instruction and 40 hours of work experience at a vineyard.

Admission Requirements

- Grade 12 or equivalent.
- English 12 with minimum 50% or alternatives.
- 19 years or older at the time of admission to the program

Components

WINE 21 Introduction to Grapes and Wines & Other Fermented Beverages
VIT 22 Introduction to Grape Growing
VIT 23 Vineyard Management
VIT 04 Operation, Management and Safety of Vineyard Equipment
VIT 13 Practicum

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive a certificate.

Viticulture Technician Diploma

This program is not currently offered.

The Viticulture Technician Diploma is designed to deliver a quality learning experience for those
interested in a career in the local or international grape and wine industry. The program will provide hands-on, theoretical and practical knowledge to work as part of the vineyard/winery management team to plan, develop, plant and maintain a vineyard for the production of quality wine. The program is tailored around “the vine to wine concept,” which will allow students to understand how to produce the best quality wines from the ground to the bottle. The diploma program is structured around the viticulture growing season, providing opportunities to develop and apply skills leading to sustainable practices within commercial vineyards.

The program benefits from its supportive local industry, the diverse mesoclimates within the Okanagan Valley, and national and international award-winning wineries. An exciting aspect of working in a vineyard is that nothing is routine, as nature and the vines exert their influence, creating an ever changing environment. Students will be exposed to this dynamic environment of viticulture and oenology, developing a range of skills and knowledge, including canopy management, pest control, pruning, training vines, sensory evaluation, occupational health and safety, operating equipment, harvesting and wine making. An integral aspect of the diploma is a paid co-op term to ensure students have a comprehensive understanding of the production practices and processes that enable employment within the industry. The co-op term will provide students with both vineyard and winery pre-crush experience.

This program provides students a stimulating and unique environment for training, supported by exposure to the latest technologies and mentorship from local experts with global backgrounds (i.e. Canada, USA, Australia, New Zealand, France and Italy).

**Career opportunities:**

Laboratory or Viticulture Technician  
Vineyard Manager  
Winery or Cellar Technician  
Winemaker  
Vineyard and Winery Equipment Sales Representative  
Vineyard R&D Technician  
Wine Sales and Promotion

**Chemistry 11 (recommended)**

**Math - minimum of 67% in any of:**

- Pre-calculus Grade 11  
- Foundations of Mathematics Grade 11  
- Principles of Mathematics 11  
- Adult Basic Education MATH 011  
- Adult Basic Education MATH 084 and MATH 085  
- Adult Basic Education IALG 011

Mature applicants who are at least 19 years of age and have been out of full-time senior secondary study for at least one year may have the senior secondary graduation requirement waived. Mature applicants without English 12 can write the LPI and must receive a minimum score of level 4.

Mature applicants without Mathematics 11 must meet one of the following mathematics requirements:

- A minimum score of 67% on the Mathematics 11 proficiency exam; or  
- A minimum score of 16/25 on the Mathematics diagnostic test

Mature applicants with long farming experience or enrolled in the part time modules may have the admission requirements waived.

Students must be physically able to safely perform the tasks required in the vineyard and winery, which will include pruning, lifting, climbing, bending, stretching, twisting, crawling and moving, lifting, carrying, pushing and pulling items weighing up to 50 lbs. Students will be required to taste, smell and check for optical clarity of wine, as well as visually inspect and sort wine grapes - checking for diseases and insects - during the growing season through harvest.

**Admission Requirements**

B.C. secondary school graduation or equivalent.  

English 12 with minimum 60% or alternatives.  

Biology 11, Life Sciences 11, or ABE equivalent.

Year 1 Fall Semester 1

- GEOG 110 The Geography of Viticulture  
- MATH 125 - Mathematics for Viticulture  
- CMNS 102 - Communications for Viticulture  
- VITT 125 - Introduction to Viticulture and Wine

Year 1 Winter Semester 2

- BIOL 160 - Introductory Biology for Viticulture  
- GEOG 206 Introduction to Soil Science
CHEM 151 - Introductory Chemistry for Viticulture

VITT 135 - Grapevine Science

VITT 170 Vineyard Technologies and Operations

VITT 140 Vineyard and Canopy Establishment

Year 1 Summer Semester 3

VITT 150 Integrated Pest Management

VITT 160 Irrigation Technology and Water Management

Year 1 Summer/Fall Semester 4 (June-September)

VITT co-op work term

Year 2 Fall Semester 5

VITT 210 Soil Management and Plant Nutrition

VITT 220 Grape Harvest Sensory Principles

ONOL 210 - Wine Chemistry and Microbiology

Year 2 Winter Semester 6

BUAD 123 Management Principles

ONOL 230 - Winery Operations

VITT 250 Vineyard Management

VITT 270 Research Methods in Viticulture

One three-credit elective*

* Examples of electives (6 credits total):

BIOL 220 Introductory Biochemistry

TOUR 105 Introduction to Tourism

BUAD 230 Wine and Culinary Tourism

GEOG 111 Introduction to Physical Geography: Climate & Vegetation

GEOG 121 Introduction to Physical Geography: Water & Landscapes

GEOG 172 Map Use, Design, and Analysis

GEOG 201 Food and Society

GEOG 213 Geography of Wine

GEOG 265 Tourism and Recreation Geography

GEOG 272 Introduction to Cartography, GIS and Remote Sensing

GEOG 274 Introduction to GIS Analysis

SPAN 111 Spanish I

SPAN 121 Spanish II

Graduation Requirements

Successful completion of the prescribed and elective courses as listed in the program outline with a minimum graduating grade average of 60%. A minimum of 50% of the program must be completed through Okanagan College. VITT 220 and VITT 270 are required residency courses. Students are also required to successfully complete a co-op placement.

Wine Sales Certificate

This program provides individuals interested in employment in the area of wine sales with an introduction to grape growing and winemaking, an understanding of legal regulations and standards within the industry, marketing and sales strategies, and knowledge of wine shop management and winery promotions. Coursework involves a variety of projects and field trips. The program consists of 147 hours of coursework and practical experience in the industry.

Admission Requirements

- Grade 12 or equivalent.
- English 12 with minimum 50% or alternatives.
- 19 years or older at the time of admission to the program
- Serving it Right certificate
Components

WINE 21 Introduction to Grapes and Wines & Other Fermented Beverages
WS 01 Introduction to Wine Sales
WS 02 Retail Sales
WS 03 Wine Shop and Winery Promotions
WS 04 Wine Sales Class Project
WS 11 Wine Sales Work Experience

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive a certificate.

Winery Assistant Certificate

The 308-hour Winery Assistant Certificate program provides students with the knowledge and practical skills to work alongside master winemakers. Similarities and differences between wine, cider, beer and spirits will be explored throughout the program with an emphasis on winemaking. The program includes a focus on scientific principles of production, influences on product quality, industry terminology, equipment operation and maintenance, harvest and crush, sanitation and safety, sensory evaluation, and marketing and sales. Students will also gain real-world experience through field trips and a practicum.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- 19 years or older at the time of admission to the program.
- Foodsafe Level 1 Certificate
- Serving It Right Certificate

Components

WINE 22 Introduction to Fermentation
WINE 23 Introduction to Cellar and Brewery Operations
WINE 24 Quality and Safety of Wine, Cider, Beer & Spirits

Students are required to successfully complete the FOODSAFE and Serving it Right certificates before enrolling in WINE 14.

WINE 14 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 60% in each of the other courses in the program.

Health & Social Development

The Health and Social Development programs include: Certified Dental Assistant, Early Childhood Education, Health Care Assistant, Human Service Worker, Pharmacy Technician, Practical Nursing and Therapist Assistant. The College also offers the first two years of the Bachelor of Science in Nursing program in partnership with UBC Okanagan. These programs are dedicated to preparing students for successful practice in health and social service disciplines.

These educational programs are delivered in close partnership with professional communities and employers. An important component of each program is the knowledge and experience gained through student placements in professional practice sites. Most programs involve both faculty-supervised clinical rotations and practicum placements.

The size of the health and social services sector and the close working relationship with professionals in practice ensure an excellent employment rate for graduates from the Health and Social Development programs. The high standards of the health and social development programs offered by Okanagan College are evidenced by Accreditation of the Certified Dental Assistant, Pharmacy Technician and Therapist Assistant programs, as well as Recognition and Approval Status from Regulatory bodies overseeing the Practical Nursing and Health Care Assistant programs.
Applicants must have a genuine interest in people and strong oral and written communication skills. They must be flexible, adaptable and able to work well with others in interdisciplinary teams. Prospective applicants are encouraged to visit the various health and social development program websites for more information on the skills, requisites and abilities required in these professions. Applicants require a criminal record check.

**Bachelor of Science in Nursing (Years 1 and 2)**

Okanagan College (OC), in partnership with the University of British Columbia's Okanagan Campus (UBCO) offers Years one and two of the four-year Bachelor of Science in Nursing (BSN) program offered at UBCO. Both programs are recognized by the BC College of Nursing Professionals (BCCNP).

OC students who successfully complete all courses in Years 1 and 2, according to the requirements listed below, will be granted admission to the BSN program at UBCO to complete the final two years of the program.

Admission to the Nursing program at UBCO cannot be guaranteed for students who take a leave after completing the first two years of the program at Okanagan College.

OC applicants are advised to consult the admissions section of the Academic Calendar for UBC and the program specific admission requirements.

Requirements for transfer to UBCO are:

- A minimum grade of 60 in each nursing course;
- A minimum grade of 60 in each non-nursing course taken as part of the BSN program; and,
- An overall (cumulative) grade average of 65 or greater.
- Students completing BSN Years 1 and 2 with no more than one semester where their GPA is below 65 (but at least 60) who have satisfactorily completed BSN Year 1 and 2 practice courses will be admitted to UBCO and placed on academic probation for BSN Year 3.

It is important for students to note that the curriculum of the nursing program at OC and UBCO is different than the curriculum of the nursing program at UBC's Vancouver Campus. The partnership between OC and UBCO does not provide for direct transfer to UBC's Vancouver Campus.

Following successful completion of the four-year BSN program, graduates are eligible to write the National Council Licensure Examination (NCLEX) - RN and to apply for registration as a Registered Nurse with the BCCNP.

Upon graduation and application to be a registered nurse, graduates are required to meet the Competencies in the Context of Entry-Level Registered Nurse Practice in British Columbia and the Standards of Practice for Registered Nurses in British Columbia. For students to obtain the Competencies for Entry Level Registered Nursing Practice certain basic skills and abilities are required and it is important that students are aware of these prior to applying for admission to the nursing program. The requirements are called the Requisite Skills and Abilities and can be viewed at https://www.bccnp.ca/becoming_a_nurse/Pages/Requisite_skills_abilities.aspx.

**Program Goals**

Learning outcomes within each course in the BSN program are achieved by the interaction among students, clients, faculty, and practice partners in a process of lifelong learning. At completion of the nursing program, graduates will:

1. Practice nursing within a framework of promoting health and healing through the integration of the art and science of nursing within a variety of contexts and with diverse client populations.
2. Be accountable practitioners providing care and making decisions based on relationships with others, nursing knowledge, and different ways of knowing.
3. Influence the current reality and future of nursing practice and health care at the economic, political, social, environmental and professional levels by anticipating and responding to the changing needs of society.
4. Be critically reflective, independent and motivated practitioners with an inquiry approach to lifelong learning.

**Overview of the Program**

The BSN Program, Years 1 and 2, at Okanagan College offers the same courses as the first two years of the BSN program at UBCO.
Each year has two semesters, during which the student takes classroom, lab and practice courses. The courses focus on Nursing, Biology, and English. Practice experiences are an integral part of the nursing program and may be offered at various sites (e.g. hospitals, residential care facilities, and community agencies) throughout the Okanagan Valley. Students are responsible for transportation to various practice sites.

A program outline for BSN Years 1 and 2 is listed below. There are 66 required credits in Years 1 and 2 at OC. The 64 credits required in Years 3 and 4 at UBCO must be taken at UBCO to meet residency requirements. To view an outline of Years 3 and 4 of the program, please see the UBCO Calendar. [http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,288,1076,0](http://www.calendar.ubc.ca/okanagan/index.cfm?tree=18,288,1076,0)

**Admission Requirements**

- B.C. senior secondary graduation or equivalent as of the first day of classes.
- Biology 11 or Life Sciences 11 or an equivalent Advanced Level Adult Basic Education Biology course.
- A minimum of 67% in any of: Biology 12 or Anatomy and Physiology 12 or an equivalent Provincial Level Adult Basic Education Biology course.
- Chemistry 11 or an equivalent Advanced Level Adult Basic Education Chemistry course.
- A minimum of 67% in any of: Chemistry 12 or an equivalent Provincial Level Adult Basic Education Chemistry course.
- English 12 with minimum 70% or alternatives.
- Math requirement:
  - A minimum of 50% in any of:
    - Foundations of Mathematics Grade 12
    - Pre-Calculus Grade 11
    - Principles of Mathematics 11
    - Adult Basic Education MATH 011

Courses taught in French can be used for admission, but Francais 12 cannot be used in place of English 12.

Official transcripts (interim and final) must be submitted by February 28. All secondary school courses must be completed by June 30. All upgrading courses must be completed by June 30.

**Applicants applying to the program with post-secondary course work**

Applicants with prior post-secondary work should present three credits of English, Mathematics and Chemistry and six credits of Biology. An example of this credit at OC which meets these requirements are:

- ENGL 100, ENGL 150, ENGL 151, or ENGL 153
- MATH 120, MATH 112, or MATH 122
- CHEM 112, CHEM 111, or CHEM 121
- BIOL 112 and BIOL 122, or BIOL 111 and BIOL 121, or BIOL 131 and BIOL 133, or BIOL 231 and BIOL 235

A minimum grade average of 65% in the post-secondary academic courses is required to be considered for admission.

If an applicant has not fulfilled these requirements at the post-secondary level, the program prerequisites must be satisfied at the high school level. For example, if an applicant submits English and Mathematics post-secondary course work, they will need to provide Chemistry and Biology course work at the Grade 11 and 12 level.

Okanagan College reserves the right to determine if post-secondary academic courses will be considered for the purpose of meeting the admission requirements. Post-secondary courses that were taken more than 10 years ago may be accepted for admission, but cannot be used for transfer credits within the BSN program. Okanagan College reserves the right to make the assessment.

All post-secondary courses must be completed by April 30.

Regardless of the number of credits earned, students with unsatisfactory standing or who have been required to withdraw from another post-secondary institution will only be considered for admission upon approval of the Dean and the Registrar.

Applicants to the OC BSN program, Years 1 and 2, with prior post-secondary credits transferable to UBCO, may not be able to apply these credits towards their nursing degree at UBCO due to UBC's residency requirements. Applicants with transfer credit are advised to consult with Academic Advising at UBCO.
Additional Requirements (All Applicants)

Admission requirements to be submitted as part of the admissions process:

- Current certification in Occupational First Aid Level I or Standard First Aid.
- Current certification in CPR Level C. This must be maintained throughout the program.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.
- Results of tuberculin testing done no more than six months before the date of application, with evidence of appropriate follow up if the test was positive.

Program requirements: The following information will be collected on the first day of class by the instructor:

- Up-to-date Immunization Record based on vaccinations listed below. Applicants are advised that, if they choose not to complete this recommended immunization schedule, any outbreak of an infectious disease can have serious implications for their practice experience because of a requirement by the Health Authority that all those not immunized remain outside of the practice area.

1. Tetanus and Diphtheria Toxoid (Td) - Booster doses of Td are recommended every 10 years, or as a minimum at least once during adult life.
2. Measles Vaccine - If born between 1957 and 1970, you should have proof of two live measles vaccinations, documentation of physician-diagnosed measles or laboratory evidence of immunity. If you already received one dose of measles vaccine, a second dose of vaccine is recommended and is given as Measles Mumps (MMR) vaccine.
3. Polio Vaccine - Primary immunization with inactivated poliomyelitis vaccine (IPV) is indicated for all who have not had a primary course of poliovirus vaccine (OPV or IPV). If you have not been given a full primary course, you should have the series completed with IPV regardless of the interval since the last dose. Booster doses of IPV are not required in Canada.
4. Rubella Vaccine - If you do not have documented immunity as described above under Measles, you should be vaccinated with MMR, unless there are contraindications.
5. Hepatitis B Vaccine - Recommended because of potential exposure to blood or body fluids, as well as increased risk of penetrating injuries.
6. Varicella Vaccine - Indicated for those who do not have either reliable history of disease or serologic evidence of immunity.
7. Flu Immunization - Annual Flu immunization is recommended.

- Signed copy of BCCNP Requisite Skills and Abilities form indicating the student is aware of and understands the fundamental requirements of the BCCNP requisite skills and abilities of nursing and believes they have the ability to meet the requirements. The full text of the BCCNP Requisite Skills and Abilities document can be found at the following link: https://www.bccnp.ca/becoming_a_nurse/Pages/Requisite_skills_abilities.aspx.

Applicants are strongly advised to have at least a beginner's level of competency with computers and word processing before entering the Nursing program.

Ranking Process

Once the general admission requirements are met by submitting official transcripts of final grades or proof of enrolment and expected completion by the deadline dates, high school applicants and transfer applicants are ranked in separate categories according to grade average(s).

For students with less than 24 transferable credits, the high school averages will include (click here for additional information under the High School course section):

Overall Average: all Grade 11 and 12 courses except: applied design, skills, and technologies courses; career education courses; physical and health education courses; and faith-based courses.

Core Average: All courses used to meet the admission requirements plus Grade 11 and 12
mathematics, computation, science and language arts courses.

Advanced placement courses may be weighted more heavily. Interim grades may be used if available.

Depending on the amount of transferable* courses the student has completed, the admission average is calculated as follows:

- 0-6 credits - admission averages based on high school courses only.
- 7-23 credits - admission averages based on high school courses and post-secondary courses (calculated using all transferable credits taken).
- 24-30 credits - admission average based on post-secondary courses (calculated using all transferable courses).
- More than 30 credits - admission average based on the 30 most recently completed transferable courses.

Transferable post-secondary courses in mathematics, computation, science and languages will be weighted more heavily.

* Transferable courses are those that have transfer credit to at least one B.C. research university (Simon Fraser University, University of British Columbia Vancouver or Okanagan, University of Northern British Columbia, University of Victoria). Okanagan College reserves the right to make the assessment of transferability and to determine if post-secondary academic courses will be considered including but not limited to courses taken over 10 years ago and courses not listed on the BC Transfer Guide.

Seats are offered to applicants in rank order beginning with those that have the highest average from each category. The class will have the same proportion of regular and transfer students as the qualified applicant pool.

If a conditionally admitted student's average drops significantly once all grades are received, the College may rescind the offer of admission.

Program Outline

Semester One

NRSU 110 Applied Research in Nursing I
NRSU 111 Foundations of Health
NRSU 112 Introduction to the Profession of Nursing I

NRSU 113 Relational Practice I
BIOL 131 Human Anatomy and Physiology I
English 100 or equivalent

Semester Two

NRSU 101 Nursing Lab Practice I
NRSU 120 Applied Research in Nursing II
NRSU 122 Introduction to the Profession of Nursing II
NRSU 123 Relational Practice II
NRSU 126 Health Assessment
BIOL 133 Human Anatomy and Physiology II
NRSU 136 Nursing Practice I

Semester Three

NRSU 201 Nursing Lab Practice II
NRSU 210 Pharmacology I
NRSU 213 Relational Practice III
NRSU 226 Health and Healing I
NRSU 229 Mental Health
NRSU 236 Nursing Practice II
NRSU 239 Practice in Mental Health
BIOL 260 Pathophysiology for Health Sciences

Semester Four

NRSU 202 Nursing Lab Practice III
NRSU 220 Pharmacology II
NRSU 223 Relational Practice IV
NRSU 227 Health and Healing II
NRSU 228 Community Health
NRSU 237 Nursing Practice III
NRSU 238 Nursing Practice in Community
BIOL 261 Human Infectious Disease
Certified Dental Assistant Certificate

The Certified Dental Assistant program at Okanagan College provides the education, training and experience required by the College of Dental Surgeons of B.C. for registration as a Certified Dental Assistant.

Graduates work as certified dental assistants in dental offices under the supervision of a dentist. Services may include:

- assisting the dentist with dental procedures such as fillings, crown and bridge, root canal therapy, and surgical procedures;
- preparing materials for use by the dentist;
- processing and sterilizing dental instruments;
- providing education to patients about oral health; and performing preventive procedures such as polishing teeth, applying fluoride and sealants; and
- patient X-rays and other diagnostic records.

Certified Dental Assistants work as team members and require excellent communication skills, commitment to oral health, and professionalism.

This program is accredited by the Commission on Dental Accreditation of Canada and approved by the College of Dental Surgeons of British Columbia. To be registered as a Certified Dental Assistant (Dental Auxiliary - Level II), a student must provide the College of Dental Surgeons with the following confirmation:

- grade 12 completion or equivalent;
- successful completion of a dental assisting program; and
- C.P.R. Level C and must be current at time of graduation.
- successful completion of the National Dental Assisting Examining Board Exam

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes
- English 12 with a minimum 60% or alternatives.
- A minimum grade of 60% in Biology 12, Anatomy and Physiology 12, or an equivalent Provincial Level ABE Biology course.
- A minimum grade of 60% in one of Chemistry 11, Chemistry 12, Physics 11, Physics 12, an equivalent Provincial or Advanced Level ABE Chemistry or Physics course, Applications of Physics 11, or Applications of Physics 12.
- A dental examination confirming healthy teeth and oral tissues.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant’s admission application.
- Evidence of a negative tuberculin test, within six months of application or adequate follow-up in the case of a positive test.
- Evidence of successful completion of a Red Cross Standard First Aid or St. John Ambulance Standard First Aid and a Basic Life Support, CPR Level C course no more than 12 months before the first day of classes.

Applicants are strongly advised to ensure their immunization status is current. Vaccination for hepatitis B is strongly recommended.

Applicants are advised to attend the annual Certified Dental Assistant Program’s orientation session and will be notified of the date. (It is usually held in the
Selection Criteria

As this program generally receives a large number of applications, the following criteria will be used to select the class. By submitting the selection criteria form(s) a student may be offered a seat in the class prior to another applicant with no points, as applicants with the most points get priority.

- Relevant experience such as 'chairside' dental assisting experience in British Columbia or equivalent, validated by submission of the required reference form by the actual employer.

Point Value: 2

- Relevant experience as a dental receptionist or dental laboratory technician/assistant validated by submission of the required reference form* by the actual employer.

Point Value: 4 (maximum 2 points per position)

- Completion of Okanagan College's DENT 001 (Introduction to Dental Assisting) or an equivalent course, a Dental Reception program, or full or partial completion of another Dental Assisting program, validated by submission of official transcripts.

Point Value: 2 (maximum 1 point per certificate or DENT 001)

- Demonstration of prior interest in the program, validated by completing the application process the year immediately preceding the current one at OC.

Point Value: 1

Maximum points students can be awarded is 9.

Program Outline

The program consists of three levels. Each level must be successfully completed before students can begin the next level. These levels consist of both theory and clinical classes.

Level I

CDA 100 Anatomy, Histology, Embryology & Pathology
CDA 101 Infection Prevention and Control
CDA 102 Preparation for Clinical Practice
CDA 104 Restorative Fundamentals
CDA 110 Clinic Lab I

Level II

CDA 200 Dental Radiography
CDA 201 Dental Specialties
CDA 202 Preventive Dental Procedures
CDA 210 Clinic Lab II
CDA 203 Dental Office Practicum

Level III

CDA 300 Dental Office and Employment Skills
CDA 301 Fixed and Removable Prosthodontics
CDA 310 Clinic Lab III
CDA 302 Direct Patient Care
CDA 303 Dental Office Practicum

Other Program Information

Program Length:

September to June (one intake, 10 months, no spring or reading break)

Location:

Kelowna Campus
Textbooks and Supplies:

Students should budget approximately $1,550 for books and supplies such as uniforms, duty shoes, name tag, safety glasses, non-latex treatment gloves, face masks and oral health kit.

Other Expenses:

Registration, the College of Dental Surgeons of B.C. license fees, and a National Dental Assisting Examining Board (NDAEB) examination fee will be in addition to the expenses noted, and graduation gown rental, approximately $850.

Practicum and Clinical Experiences:

Practicum and clinical experiences are an integral part of health and social services programs. Locations are throughout, and sometimes outside of, the Okanagan Valley. Students must arrange for their own transportation to and from practicum and clinical sites. In most cases, that means a driver's license and access to a reliable vehicle. Travel expenses are the student's responsibility.

Graduation Requirements

A pass in each of the Practicas and a minimum grade of 70 in each other course.

Early Childhood Education

Early Childhood Education Diploma

The Early Childhood Education program prepares students to work with young children in a variety of inclusive early childhood environments. Students will acquire the knowledge, skills and attitudes necessary to work with children, families and the community in planning enriched programs in daycares, preschools, infant/toddler centres and other early childhood initiatives that focus upon healthy early development.

Successful completion of the four-semester Diploma in Early Childhood Education (and the intercession practicum) satisfies the requirements of the Early Childhood Registrar, Ministry of Children and Family Development (MCFD), Community Care Facilities Licensing Branch (CCFB) for a Certificate to Practice as an Early Childhood Educator, a Special Needs Educator and an Infant/Toddler Educator.

Graduates of a Diploma in Early Childhood Education may also receive block transfer credit for continuation of their studies toward a degree. For further information on post-diploma opportunities, please contact the Department of Early Childhood Education.

Students who successfully complete only the first three semesters of the Diploma in Early Childhood Education may be eligible to be granted a Certificate in Early Childhood Education. Completion of the three semester Certificate in Early Childhood Education satisfies the training requirements for a Certificate to Practice as an Early Childhood Educator.

For further information about mandated training requirements in the Province of B.C., please note the following website: http://www2.gov.bc.ca/gov/content/education-training/early-learning/teach/training-and-professional-development/become-an-early-childhood-educator/apply-for-ece-ecea-certificate.

Admission Requirements

Academic Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

- English 12 with minimum 67% or alternatives.

General Requirements

- Applicants must provide evidence of successful completion of a first aid course on the list accepted by the Early Childhood Educator Registry no more than twelve months prior to admission. See "The Early Childhood Educator in BC" at http://www.bclaws.ca/Recon/document/ID/freeside/332_2007#ScheduleC (schedule C). It is recommended that students complete a Childsafe course before admission. (Note: certification must be maintained throughout the program. Current certification in a first aid course approved by the registry is required for licensure.

- A scheduled mandatory meeting with Early Childhood Education staff (normally conducted in March), to provide an opportunity for the applicant to discuss their experience in the field, to clarify information submitted by the applicant and to provide
counselling on entry into the program. Applicants are requested to attend an orientation session during the year before their scheduled meeting. This orientation session will provide information and answer any questions students may have about the Early Childhood program.

- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

All applicants are strongly advised to ensure their immunization status is current. Vaccination for hepatitis B is recommended.

It is recommended that students complete the following senior secondary courses before entering the program: Human Service 11 and 12, and Family Management 11 and 12.

Students in this program engage actively in laboratory practice, acting both as patient/client and as caregiver in simulated situations. Notwithstanding all specific program prerequisites, Okanagan College reserves the right to deny admission to any applicant when, in the opinion of Okanagan College, there is sufficient and substantiated evidence, medical or otherwise, to conclude that by granting admission Okanagan College would jeopardize the safety of clients under student care or would otherwise be negligent in providing for the safety and well-being of clients, agency staff or other students.

Students entering into the Early Childhood Education program should review Okanagan College policy information on clinical, practicum and external placements.

Failure to submit all required documentation by a specified deadline may result in denial of admission.

Program Outline

Semester I (September - December)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<td>ECDE 111</td>
<td>Interpersonal and Personal Communication Skills</td>
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<td>ECDE 112</td>
<td>Child Development Conception to 3 years</td>
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<td>ECDE 113</td>
<td>Child Development 3-12 years of Age</td>
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<td>ECDE 116</td>
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<td>ECDE 117</td>
<td>Observing and Documenting Children's Development Practicum</td>
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<td>Semester II (January - April)</td>
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<td>ECDE 121</td>
<td>Group Process</td>
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<td>ECDE 122</td>
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<td>ECDE 123</td>
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<td>Semester III (September - December)</td>
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<td>ECDE 211</td>
<td>Professionalism</td>
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<td>ECDE 212</td>
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<td>ECDE 219</td>
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<td>ECDE 225</td>
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<tr>
<td>ECDE 229</td>
<td>Practicum IV</td>
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</tbody>
</table>

Periodically, the department may offer a Supported Child Care Certificate to graduates from other recognized Early Childhood Education programs.
Graduation Requirements

Graduation from the Early Childhood Education diploma program requires successful completion of the courses in the program outline.

Minimum passing grade in all components is 70%.

Early Childhood Education - Infant Toddler Certificate

The Early Childhood Education program provides advanced training in Infant/Toddler Care. Upon successful completion of the required courses the learner will meet the admission requirements for the Infant/Toddler Specialty practicum - ECDE 239. Upon successful completion of this practicum, the student will meet the requirements for the Infant/Toddler Specialty Certificate and will also satisfy the requirements for a British Columbia Infant/Toddler License to Practice.

Admission Requirements

- Satisfactory completion of the ECE Certificate program or a current BC ECE Registry Certificate to Practice. Applicants without either prerequisite may be admitted to components of the certificate program with written recommendation by the ECE department chair, if space permits.

- Applicants must provide evidence of current First Aid that includes Child Safe & Infant CPR certification.

- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

- Notwithstanding all specific program prerequisites, Okanagan College reserves the right to deny admission to any applicant when, in the opinion of Okanagan College, there is sufficient and substantiated evidence, medical or otherwise, to conclude that by granting admission Okanagan College would jeopardize the safety of clients under student care or would otherwise be negligent in providing for the safety and well-being of clients, agency staff or other students.

Program Outline

Infant and Toddler Speciality

ECDE 223 Administration

ECDE 222 Developmentally-Responsive Environments for Under Threes

ECDE 214 Practices in Infant Toddler Care

ECDE 239 Practicum for Infant Toddler Specialty

ECDE 213 Working with Families and Community

Graduation Requirements

Graduation requires successful completion of the courses in the program outline below.

Minimum passing grade per component is 70%.

Health Care Assistant Certificate

The 745-hour program is approximately a 25-week or six-month program (based on a typical 30-hour instruction week) designed to provide students with opportunities to develop the knowledge, skills and attitudes necessary to function effectively as direct client care providers and respected members of the health-care team, in community and facility settings. Under the direction and supervision of a health professional, graduates provide person-centred care aimed at promoting and maintaining the physical, emotional, cognitive, and social well-being of clients/residents. Upon successful completion of the program, graduates are prepared to work in any level of continuing care, including: home support, adult day care, assisted living, complex care (including dementia care units) and acute care.
Admission Requirements

- B.C. secondary school graduation or equivalent, or
- 19 years of age and out of secondary school for one year as of the first day of classes.

English requirements:

All HCA program applicants are required to demonstrate English language proficiency. Domestic and/or international applicants who are non-native English speakers will need to take a standardized proficiency assessment to confirm communicative competency in all four language skills areas (speaking, listening, reading and writing).

Domestic and/or international applicants:

Native English speakers requirement:

English 10 or equivalent;

Evidence of one of the following:

1. Proof of completion of Grade 10 English; or
2. College courses determined to be equivalent to completion of Grade 10 English (or higher) by post-secondary institutions. Applicants must produce transcripts as evidence of completion. A minimum of a C grade is acceptable.
3. Canadian Adult Achievement Test (CAAT): Reading Comprehension 35/50, Spelling 23/32
4. Language Placement Index (LPI): The three individual scores (Sentence Structure, English Usage, and Reading Comprehension) must total a minimum of 20, out of a maximum possible score of 40. Essay level of 4, with a minimum essay score of 24/40
5. Accuplacer: Grade 10 level or higher
   Recommended Cut Scores*: Reading Comprehension 60, Sentences Skill 55, Writeplacer 4

Non-Native English speakers requirement:

Evidence of one of the following test scores:

1. The Test of English as a Foreign Language (TOEFL): test must be within the last two years, IBT only -- Overall score of 76 with no score lower than 20 in Speaking and Listening and no score lower than 18 in Reading and Writing
2. International English Language Testing System (IELTS): Academic or General -- test must be within the last two years: Overall score of 6 with a minimum of 6 in Speaking and Listening and no score lower than 5.5 in Reading and Writing
3. Canadian Language Benchmark Placement Test (CLB PT): test must be within the last year: Listening 7, Speaking 7, Reading 6 and Writing 6 - Note: a CLB Report Card from a LINC Program may also be accepted.
4. Canadian English Language Proficiency Index Program (CELPIP): Academic or General -- Academic: Aggregate score of 4L or better, with 4L or better in Speaking and Listening and 3H or better in Reading and Writing. General: CELPIP 7 or better in Speaking and Listening and CELPIP 6 in Reading and Writing
5. Canadian Academic English Language Assessment (CAEL): Overall Score of 60, with no section less than 50

*educational institutions may conduct their own predictive validity studies to confirm appropriate cut scores

Other requirements:

- It is recommended that students also complete a Grade 11 Science or ABE Science at the 70 or 80 Level.
- Applicants must provide evidence of successful completion of a Red Cross Standard First Aid or St. John Ambulance Standard First Aid that includes Basic Life Support, CPR Level C no more than 12 months before admission.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.
Applicants must provide evidence of a negative tuberculin test, taken no more than six months before the date of application (or evidence of appropriate follow-up if the test was positive.)

Applicants must have successfully completed the provincially-approved FOODSAFE training program.

Proof of meeting current immunizations/vaccinations as per health care organization policies/guidelines (or signed vaccination exemption form, except TB). Applicants are advised that, if they are unable to provide proof of immunization or immunity they may be restricted or even excluded from practice settings based on the Health Facility or Health Authority policies and procedures for non-immunized students on placement. This information will be collected on the first day of class by the instructor.

Attendance at a program orientation day is strongly recommended. Applicants will be notified of the exact date.

Applicants are advised that students in this program engage actively in laboratory practice, acting both as patient/client and as caregiver in simulated situations. Notwithstanding all specific program prerequisites, Okanagan College reserves the right to deny admission to any applicant when, in the opinion of OC, there is sufficient and substantiated evidence, medical or otherwise, to conclude that by granting admission OC would jeopardize the safety of clients under student care or would otherwise be negligent in providing for the safety and well-being of clients, agency staff or other students.

Program Outline

- **HCA 101** Interpersonal Communications
- **HCA 102** Health: Concepts for Practice
- **HCA 103** Personal Care and Assistance
- **HCA 104** Healing: Common Health Challenges
- **HCA 105** Home Support/Assisted Living
- **HCA 106** Cognitive/Mental Health Care
- **HCA 107** Clinical Practice

Other Program Information

Location and Dates:

- Kelowna Campus - August, January, May
- Vernon - October to April
- Penticton - October to April
- Salmon Arm - May to October

Program Length: 25 weeks

Program Fees:

Tuition - Students may enrol in a part-time program if space is available after all full-time students are enrolled. Fees are assessed by component. Full-time student fees are based on vocational rates.

Textbooks - $350 approximately

Uniforms - $250 approximately

Other Expenses - Students must provide a suitable uniform, transfer belt, duty shoes, name tags and OC badge. Students are responsible for their own transportation.

Practicum, Extern and Clinical Experiences

Practicum, extern and clinical experiences are an integral part of health and social services programs. Locations are throughout the Okanagan Valley. Students must arrange for their own transportation to and from practicum, extern and clinical sites. In most cases, that means a driving license and access to a reliable vehicle is required. Travel expenses are the student's responsibility.

Hours vary from six to nine hours per day during the practicum for a total of 30 hours per week.

* Countries with English language systems/institutions (where English is a primary, official language and the language used for education):

American Samoa

Anguilla
Antigua  
Australia  
Bahamas  
Barbados  
Belize  
Bermuda  
British Virgin Islands  
Canada¹  
Cayman Island  
Dominica  
Falkland Islands  
Fiji  
Ghana  
Grenada  
Guam  
Guyana  
Irish Republic  
Jamaica  
Kenya  
Malta  
Mauritius  
Montserrat  
New Zealand  
Seychelles  
Singapore  
South Africa  
St. Kitts and Nevis  
St. Lucia  
St. Vincent  
Trinidad and Tobago  
Turks and Caico Islands  
Uganda  
United Kingdom (England, Scotland, Wales and Northern Ireland)  
United States of America (USA)  
US Virgin Islands  
¹Applicants educated in Quebec at an institution where the language of instruction was not English, must meet the current English language proficiency requirements.

Graduation Requirements

A minimum passing grade (P) for HCA 103 and HCA 107; and a minimum grade of 70% in all other courses in the program outline.

Kinesiology Diploma (previously Human Kinetics Diploma)

Kinesiology is an academic discipline which involves the study of physical activity and its impact on health, society, and quality of life. It includes areas of study such as exercise science, athletic training, socio-cultural analyses of sports and society, sport and exercise psychology, fitness leadership, physical education-teacher education, and pre-professional training for physical therapy, occupational therapy, medicine and other health related fields.

The Kinesiology Diploma program helps students build skills that they can apply to a variety of career options in fitness, recreation, sport, education and health. Course credits transfer towards Bachelor degree programs in British Columbia and elsewhere.

Students develop skills for general employability and academic success including information literacy, written and oral communication, numeracy and computer skills, critical and creative thinking, leadership and interpersonal skills, and professional skills.
Students may become eligible to apply for industry credentials during or after program completion. External agencies may require students to complete additional written examinations and/or practical competency evaluations and pay additional fees. The department website includes links to relevant agencies.

All students register for courses individually. The first semester includes five common courses. Students then follow the program outlined for one of the diploma options below:

- Kinesiology Diploma - Fitness Option
- Kinesiology Diploma - Health Science Option
- Kinesiology Diploma - Recreation Option
- Kinesiology Diploma - Education Option
- Kinesiology Diploma - General Studies Option

Students are responsible for confirming that all graduation requirements and residency requirements are met before graduation.

A Kinesiology Co-op option may be available between Year 1 and Year 2 (May - August) for eligible students. Please consult with an education advisor, cooperative education and/or the department chair to address any questions.

### Admission Requirements

Regular Applicants: Regular applicants have graduated from a secondary school or equivalent, or are currently enrolled in Grade 12.

- B.C. secondary school graduation, or equivalent.
- English 12 with minimum 60% or alternatives.
- Chemistry 11 or an equivalent Advanced Level ABE Chemistry.
- One of Biology 11, Life Sciences 11, Biology 12, Anatomy and Physiology 12, BIOL 122 or BIOL 124 or equivalent Advanced or Provincial Level ABE courses are acceptable (Anatomy and Physiology 12, Biology 12 or BIOL 122 is strongly recommended).

Math requirement:

- A minimum of 50% in any of:
  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11
  - Principles of Mathematics 11
  - Adult Basic Education MATH 011
  - Adult Basic Education MATH 085 and MATH 080
  - Adult Basic Education IALG 011

Mature Applicants: Applicants who do not have secondary school graduation may apply as a mature student provided that they are at least 19 years of age and have not attended secondary school on a full-time basis for a minimum period of one year. Mature applicants will be subject to the same course entrance requirements that apply to regular applicants. The above courses may be taken through Okanagan College’s Adult Basic Education program, the Ministry of Education Correspondence Branch, or a secondary school studies program.

### Additional Admission Requirements

- All applicants must submit an Okanagan College Human Kinetics Verification of Experience Form documenting a minimum of one season of competitive sport participation.

**Kinesiology Pathway to the BBA.** Students can combine their interest in health, sport, recreation and fitness with business studies to prepare to work for government, non-profit and for-profit enterprise. Become a local leader working to improve the health and sustainability of our Okanagan community.
or 50 hours of participation in regular physical activity, within the last 5 years.

- All applicants must submit an Okanagan College Human Kinetics Medical Clearance Form, documenting medical clearance for participation in unrestricted physical activity or for participation in progressive physical activity with specific limitations or exclusions.

Applicants are advised that students in this program engage in vigorous physical activity as part of their laboratory practice and applied methods courses. Students will act both as physical activity leaders and participants. Students are expected to develop and maintain a good level of physical fitness throughout the program.

Students may be required to travel to off-campus fitness and recreation facilities in the local area, and will require appropriate transportation.

Several computer-based assignments are included throughout the program. It is recommended that students have basic computer skills before entering the program. Students who do not have personal computers will have access to computers in the college computer laboratories and the library.

Co-operative Education: To become eligible for the co-operative education work term, students must complete all of the first year courses for one of the fitness, health science, recreation or education options with an overall GPA of 70%. The co-op work experience is not available for students completing the general studies option.

Program Outline as of September 2020 - Diploma in Kinesiology

Fitness Option

The program outlined is for students interested in completing a 2-year diploma to become a fitness program leader (e.g. certified personal trainer) to help develop and maintain the health of our community via participation in physical activity.

Year One - Fall Semester

HKIN 101 Health, Fitness and Lifestyle
HKIN 110 Human Anatomy I for Kinesiology
BIOL 190 Human Physiology I for Kinesiology
HKIN 150 Sport and Exercise Psychology
ENGL 100 University Writing

Year One - Winter Semester

HKIN 103 Exercise Prescription for Health
BIOL 191 Human Anatomy and Physiology II for Kinesiology
HKIN 230 Motor Learning and Control
HKIN 111 Health and Human Nutrition
3 credits of electives (BUAD, HKIN, Arts or Sciences)

Year Two - Fall Semester

HKIN 200 Exercise Physiology
HKIN 203 Science of Strength and Conditioning
HKIN 250 Introduction to Health Behaviour Change
HKIN 215 Professionalism in Fitness and Recreation
3 credits of electives (BUAD, HKIN, Arts or Sciences)

Year Two - Winter Semester

HKIN 284 Growth and Motor Development
HKIN 261 Health, Policy and Canadian Society
HKIN 273 Fitness Testing and Exercise Prescription
HKIN 241 Introduction to Athletic Injuries
3 credits of electives (BUAD, HKIN, Arts or Sciences)

Recommended electives options:

HKIN 121 Biomechanics
HKIN 205 Community Program Planning
BUAD 123 Management Principles
BUAD 116 Marketing
BUAD 111 Financial Accounting I

Psychology, Sociology, Anthropology or Indigenous Studies Biology, Chemistry, Physics or Mathematics

Health Science Option
The program outlined can be used to transfer up to 60 credits towards a Bachelor's Degree in Kinesiology, Human Kinetics or related field. This option is for students interested in becoming a health professional such as a kinesiologist, clinical exercise physiologist, physiotherapist, or occupational therapist.

**Year One - Fall Semester**

- **HKIN 101** Health, Fitness and Lifestyle
- **HKIN 110** Human Anatomy I for Kinesiology
- **BIOL 190** Human Physiology I for Kinesiology
- **HKIN 150** Sport and Exercise Psychology
- **ENGL 100** University Writing

**Year One - Winter Semester**

- **HKIN 103** Exercise Prescription for Health
- **BIOL 191** Human Anatomy and Physiology II for Kinesiology
- **HKIN 230** Motor Learning and Control
- **HKIN 111** Health and Human Nutrition
- **3 credits of electives (BUAD, HKIN, Arts or Sciences)**

**Year Two - Fall Semester**

- **HKIN 200** Exercise Physiology
- **HKIN 203** Science of Strength and Conditioning
- **HKIN 250** Introduction to Health Behaviour Change
- **HKIN 206** Research Methods in Kinesiology
- **3 credits of electives (BUAD, HKIN, Arts or Sciences)**

**Year Two - Winter Semester**

- **HKIN 284** Growth and Motor Development
- **HKIN 261** Health, Policy and Canadian Society
- **HKIN 273** Fitness Testing and Exercise Prescription
- **HKIN 121** Biomechanics
- **3 credits of electives (BUAD, HKIN, Arts or Sciences)**

**Recommended electives options:**

- **HKIN 241** Introduction to Athletic Injuries
- **HKIN 205** Community Program Planning
- **STAT 121** Elementary Statistics
- **Psychology, Sociology, Anthropology or Indigenous Studies**
- **Biology, Chemistry, Physics or Mathematics**
- **Recreation Option**

The program outlined is for students interested in completing a 2-year diploma to become a recreation program leader to help develop and maintain physical literacy and lifespan wellbeing for everyone in our community.

**Year One - Fall Semester**

- **HKIN 101** Health, Fitness and Lifestyle
- **HKIN 110** Human Anatomy I for Kinesiology
- **BIOL 190** Human Physiology I for Kinesiology
- **HKIN 150** Sport and Exercise Psychology
- **ENGL 100** University Writing

**Year One - Winter Semester**

- **HKIN 103** Exercise Prescription for Health
- **BIOL 191** Human Anatomy and Physiology II for Kinesiology
- **HKIN 230** Motor Learning and Control
- **HKIN 111** Health and Human Nutrition
- **3 credits of electives (BUAD, HKIN, Arts or Sciences)**

**Year Two - Fall Semester**

- **HKIN 200** Exercise Physiology
- **HKIN 203** Science of Strength and Conditioning
- **HKIN 161** Physical Activity in Canadian Society
- **HKIN 215** Professionalism in Fitness and Recreation
- **3 credits of electives (BUAD, HKIN, Arts or Sciences)**

**Year Two - Winter Semester**
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HKIN 284</td>
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<td>Recommended elective options for further studies in education such as:</td>
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<td>Laboratory Science; Mathematics K-12 B.C. Teachable Subject Areas</td>
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<td>Note 1: Only one of HKIN 203 Science of Strength and Conditioning or HKIN 121 Biomechanics is required for graduation. The other may be taken for elective credit.</td>
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<td>General Note: All elective credit must be from BUAD, HKIN, Arts or Sciences.</td>
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<td>General Studies Option</td>
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<td>The program outlined provides maximum flexibility. Combine your studies in kinesiology with other courses in arts, science and business for added breadth.</td>
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<td>HKIN 103</td>
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**BIOL 191** Human Anatomy and Physiology II for Kinesiology

**HKIN 230** Motor Learning and Control

6 credits of electives (HKIN, BUAD, Arts or Sciences)

Year Two - Fall Semester

**HKIN 200** Exercise Physiology

**HKIN 203** Science of Strength and Conditioning

**HKIN 161** Physical Activity in Canadian Society

6 credits of electives (HKIN, BUAD, Arts or Sciences)

Year Two - Winter Semester

**HKIN 284** Growth and Motor Development

**HKIN 261** Health, Policy and Canadian Society

**HKIN 121** Biomechanics

6 credits of electives (HKIN, BUAD, Arts or Sciences)

Note 1: Only one of HKIN 203 Science of Strength and Conditioning or HKIN 121 Biomechanics is required for graduation. The other may be taken for elective credit.

Note 2: Only one of HKIN 101 Health, Fitness and Lifestyle or HKIN 261 Health, Policy and Canadian Society is required for graduation. The other may be taken for elective credit.

Recommended electives options:

Human Kinetics, Business, Psychology, Sociology, Anthropology or Indigenous Studies, Biology, Chemistry, Physics, Mathematics or Statistics

**Program Outline prior to September 2020 - Diploma in Human Kinetics**

As a means of satisfying all the prescribed graduation requirements for a Human Kinetics Diploma, students may choose course selections in one of the 3 streams outlined below.

- The Health and Fitness Stream is designed for students who are interested in employment in the health and fitness industry. Students choosing this stream may become eligible to make application for industry credentials as a Personal Trainer with the British Columbia Recreation and Parks Association (BCRPA) and/or the Canadian Society for Exercise Physiology (CSEP).

- The Health and Physical Education Stream is designed for students who are interested in university transfer to complete a degree with an emphasis in health and physical education, and, for those who are considering a career in an instructional setting for sport and physical activity, such as a school teacher.

- The Kinesiology and Health Science Stream is designed for students who are interested in university transfer to complete a degree with an emphasis in kinesiology and health science, and, for those who are interested in a career as a kinesiologist, physiotherapist, occupational therapist, physician or chiropractor.

Students interested in university transfer may also choose to design their own program of study and select courses to meet their own needs. All students will register for courses individually and should consider consulting with an educational advisor or program faculty if they have any questions. Students will find that not all receiving institutions require the recommended courses as outlined below. Students designing their own program of study are advised that not all Human Kinetics courses will be offered in all semesters.

**Health and Fitness Stream**

Year One - Fall

**ENGL 100** University Writing

**BIOL 131** Human Anatomy and Physiology I

**HKIN 103** Exercise Prescription for Health

**HKIN 161** Physical Activity in Canadian Society

3 credits of electives

Year One - Winter

**BIOL 133** Human Anatomy and Physiology II

**HKIN 230** Motor Learning and Control

**HKIN 173** Biodynamics of Strength and Conditioning

**HKIN 152** Personal Wellness and Community Health

3 credits of electives

Students interested in university transfer may also choose to design their own program of study and select courses to meet their own needs. All students will register for courses individually and should consider consulting with an educational advisor or program faculty if they have any questions. Students will find that not all receiving institutions require the recommended courses as outlined below. Students designing their own program of study are advised that not all Human Kinetics courses will be offered in all semesters.
Year Two - Fall

HKIN 231 Sport and Exercise Psychology
HKIN 275 Exercise Physiology

In Fall 2021/Winter 2022, students will take HKIN 200 in place of HKIN 275.

HKIN 273 Fitness Testing and Exercise Prescription

6 credits of electives

Year Two - Winter

HKIN 284 Growth and Motor Development
HKIN 241 Introduction to Athletic Injuries
HKIN 111 Health and Human Nutrition

6 credits of electives

Health and Physical Education Stream

Year One - Fall

ENGL 100 University Writing
BIOL 131 Human Anatomy and Physiology I
HKIN 103 Exercise Prescription for Health
HKIN 161 Physical Activity in Canadian Society

3 credits of electives

Year One - Winter

BIOL 133 Human Anatomy and Physiology II
HKIN 230 Motor Learning and Control

One of:
HKIN 121 Biomechanics

or:

HKIN 261 Health, Policy and Canadian Society

6 credits of electives

Year Two - Fall

HKIN 231 Sport and Exercise Psychology
HKIN 275 Exercise Physiology

9 credits of electives

Year Two - Winter

HKIN 284 Growth and Motor Development

One of:
HKIN 121 Biomechanics

or:

HKIN 261 Health, Policy and Canadian Society

9 credits of electives

Students must take at least six (6) credits of Human Kinetics applied methods courses from the following list:

HKIN 291 Applied Methods: Gymnastics and Dance
HKIN 295 Applied Methods: Basketball and Soccer
HKIN 292 Applied Methods: Triathlon

Note: Applied methods courses may be offered in alternating years. Please see Classfinder for details of this year's course offerings.

Kinesiology and Health Science Stream

Year One - Fall

ENGL 100 University Writing
BIOL 131 Human Anatomy and Physiology I
HKIN 103 Exercise Prescription for Health
HKIN 161 Physical Activity in Canadian Society

3 credits of electives

Year One - Winter

BIOL 133 Human Anatomy and Physiology II
HKIN 230 Motor Learning and Control

One of:
HKIN 121 Biomechanics

or:

HKIN 261 Health, Policy and Canadian Society

6 credits of electives

Year Two - Fall

HKIN 231 Sport and Exercise Psychology
HKIN 275 Exercise Physiology

or:
HKIN 261 Health, Policy and Canadian Society
6 credits of electives

Year Two - Fall
HKIN 231 Sport and Exercise Psychology
HKIN 275 Exercise Physiology

In Fall 2021/Winter 2022, students will take HKIN 200 in place of HKIN 275.
9 credits of electives

Year Two - Winter
HKIN 284 Growth and Motor Development
One of:
HKIN 121 Biomechanics
or:
HKIN 261 Health, Policy and Canadian Society
9 credits of electives

Students must take at least twelve (12) credits of transferable courses in at least two (2) of the following four (4) areas: 100-level Biology (not 131 or 133) 100-level Chemistry, 100-level Physics, 100-level Mathematics or Statistics

Graduation Requirements

Graduation requirements as of 2020:

Successful completion of the prescribed and elective courses as listed in the program outline. A minimum graduating grade average (GGA) of sixty percent (60%) for the courses taken at Okanagan College and used to satisfy the required 60 credits for the diploma.

Graduation requirements prior to 2020:

The Human Kinetics Diploma is granted upon completion of sixty (60) credits of prescribed study with a minimum grade average of 60 percent for all courses counting towards the diploma. The diploma course requirements are outlined below:

Three (3) 100-level English credits:
ENGL 100 University Writing

Twenty-four (24) Human Kinetics credits:
HKIN 103 Exercise Prescription for Health
HKIN 161 Physical Activity in Canadian Society
HKIN 230 Motor Learning and Control
HKIN 231 Sport and Exercise Psychology
HKIN 275 Exercise Physiology
HKIN 284 Growth and Motor Development
One of:
HKIN 173 Biodynamics of Strength and Conditioning
or:
HKIN 121 Biomechanics
One of:
HKIN 152 Personal Wellness and Community Health
or:
HKIN 261 Health, Policy and Canadian Society
Six (6) Biology credits:
BIOL 131 Human Anatomy and Physiology I
BIOL 133 Human Anatomy and Physiology II
Twenty-seven (27) credits of Human Kinetics, Business Administration, Arts or Science electives.

Human Service Work Diploma

Please note, the Human Service Work program is offered every year in Kelowna and on a rotating basis in Vernon and Salmon Arm.

The curriculum for the Diploma in Human Service Work reflects the expanding responsibilities and evolving practice standards for graduates from non-degree social service programs. It has been developed with extensive community consultation and learning objectives are guided by provincially identified practice competencies.

The Human Service Work Diploma is a full-time and demanding endeavour. Students are in class approximately 18 hours/week and are expected to read and complete assignments outside of class on a
As students progress through the Human Service Work program, they will develop the knowledge, skills and attitudes to be able to:

**Relationships**
- Develop respectful, positive and ultimately helpful relationships with others. Encourage and assist others to expand their network of supportive relationships.

**Communication**
- Communicate effectively, both verbally and in writing with individuals and groups. Interact successfully and strategically by applying communication skills best suited to specific contexts.

**Professionalism**
- Conduct oneself in a reliable, ethical and professional manner by acknowledging personal limitations, fulfilling role responsibilities and embracing professional values.

**Community**
- Increase inclusion and acceptance of all people in their community while embracing a commitment to principles of social justice. Support access and development of appropriate resources and social support networks.

**Advocacy**
- Effectively advocate in a collaborative, empowering way while demonstrating knowledge of relevant systemic contexts. Empower others by promoting self advocacy and the acquisition of self advocacy skills.

**Team Work**
- Contribute to positive team development and functioning by using knowledge of group process and engaging in self assessment, collaborative decision making, problem solving, and conflict resolution.

**Problem Solving/Critical Thinking**
- Use critical thinking skills in relevant situations.

**Self-Awareness**
- Self-reflect and solicit feedback to increase awareness of the impact that one's attitude, beliefs, and behaviour have on self and others.

**Skillful Practice**
- Promote client's quality of life, health and well-being through the application of such skills as assessment, planning, teaching, facilitating, providing emotional support, and action planning.

**Life Long Learning**
- Continually strive to develop personally and professionally through a variety of learning experiences.

As students develop the above program outcomes, it is expected that they will demonstrate the following in the classroom:

- Professional behaviour
- Ability to engage in self-reflection
- Ability to work as a member of a team
- Ability to accept and integrate feedback as they evolve into a HSW professional
- Ability to embrace change
- Tolerance for diversity

The Diploma program is connected to a number of universities and university colleges throughout B.C.
Details about transfer credit are available upon request.

Past graduates of the Human Service Worker Certificate program and graduates with certificates from other colleges will have opportunity to upgrade to a diploma credential. Seats will be awarded based on time and date of application. A limited number of seats will be available for students who wish to enrol on a part-time basis.

**Admission Requirements**

**Academic Admission Requirements**

**Regular Applicants**

A regular applicant will have B.C. senior secondary graduation, or equivalent (Adult Graduation Diploma) or will currently be completing Grade 12.

*English Requirement:*

- English 12 with minimum 60% or alternatives.

**Mature Applicants**

- Applicants who do not have senior secondary graduation may apply for admission as a mature student provided that they are at least 19 years of age and have not attended secondary school on a full-time basis for a minimum period of one year.

- English 12, English 12 First Peoples or TPC 12 (Technical & Professional Communications), or Provincial Level ABE English or equivalent is required, with a minimum grade of 60%. Communications 12 is not acceptable. Mature applicants who do not meet the grade 12 English requirement must write the LPI (Language Proficiency Index) test and obtain a score of 24/40 (level 4).

**Applicants with an OUC Human Service Worker Certificate**

- Graduates of the ten-month HSW (Human Service Worker) certificate program that was offered by Okanagan University College may apply for advanced standing in the two-year diploma program. Graduates from similar certificate programs offered by other post-secondary institutions may also apply for advanced standing. Course equivalence will be determined on an individual basis in consultation with the Department Chair. Graduates of HSW certificate programs may be admissible to the second year of the diploma program.

Applicants granted advanced standing will be subject to Okanagan College's policy on residence requirements which requires that at least one-half of the course requirements be completed at Okanagan College.

**General Admission Requirements**

In addition to the minimum academic entrance requirements, the following will also apply to all applicants; regular, mature and graduates of a certificate program:

1. **Attend a mandatory orientation meeting** with the Human Service Work program staff (normally conducted in the spring) which will include foundational information about the program, answer any questions applicants may have and provide an opportunity for applicants to reflect upon their suitability for the Human Service Work program and the professional field.

2. **Tuberculin Test** - Applicants must submit evidence of a negative tuberculin test taken no more than 12 months prior to the start date of the program or evidence of an appropriate follow-up in the event of a positive test result.

3. **Successful Completion of a First Aid Certificate** - All applicants are required to submit proof of having successfully completed a first aid certificate, either Red Cross Standard or St. John Ambulance Standard First Aid, no more than 12 months prior to admission.

4. **Criminal Record Check** - A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

All applicants are strongly encouraged to obtain their Class 4 (restricted version) driver's license as many
employers request this level for practicum and employment.

Okanagan College reserves the right to deny admission to any applicant when, in the opinion of Okanagan College, there is sufficient and substantiated evidence, medical or otherwise, to conclude that by granting admission Okanagan College would jeopardize the safety of clients under student care or would otherwise be negligent in providing for the safety and well-being of clients, agency staff or other students.

Order of Admission

Applicants who satisfy the entrance requirements will be granted admission in chronological order, based on the date of application.

Program Outline

Year One
Semester I

**PSYC 111** Introduction to Psychology: Basic Processes

*HWS 100* Professional Skills for Human Service Work

**HWS 107** Introduction to Mental Health

**HWS 111** Interpersonal Relationships

**HWS 114** Families

**SOCW 200A** An Introduction to Social Work Practice

Plus one of:

**ENGL 100** University Writing

**ENGL 150** Critical Writing and Reading: Poetry and Drama

**ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**ENGL 153** Critical Writing and Reading: Narrative

Semester II

**PSYC 121** Introduction to Psychology: Personal Functioning

*PSYC 111* and **PSYC 121** are prerequisites for **PSYC 220**

Year Two
Semester III

**HWS 102** Augmentative Communication

**HWS 106** Practicum Preparation I

**HWS 108** Health Care Skills

**HWS 122** Emotional Support

**HWS 124** Supporting Positive Change

Intersession

**HWS 130** Practicum I

Year Two
Semester III

**HWS 205** Groups

**HWS 211** Politics and Perspectives on Inclusion

One of:

**PSYC 220** Lifespan Development

**SOCW 355** - Human Development

Semester IV

**SOCW 200B** An Introduction to Social Welfare in Canada

**HWS 206** Practicum Preparation II

**HWS 210** Introduction to Child and Youth Mental Health

**HWS 220** Principles of HSW Practice

Intersession

**HWS 230** Practicum II

* PSYC 111 and **PSYC 121** are prerequisites for **PSYC 220**

Program Length

Two years: four academic semesters and two eight week full-time block practica (each May/June)

Location
Kelowna, Vernon and Salmon Arm. This program is offered on a rotating basis in Vernon and Salmon Arm.

Expenses

Approximately $1,700 for textbooks and supplies. Students are responsible for their own transportation to field placements within the Okanagan region.

Employment Opportunities/Practicum Sites

Graduates of the two-year Human Service Work Diploma are prepared for employment in the social service, mental health and developmental disabilities fields. Students develop a theoretical knowledge base, a foundation of professional ethics and values, critical thinking ability, essential support skills, and a process for integrating all of their learning into a functional practice framework. Students apply this practice framework to develop empowering, purposeful relationships that promote increased levels of health and well-being in individuals, families and groups.

Employment opportunities include, but are not limited to:

- support workers in child and youth care services
- community-based support services to people with mental health challenges, brain injuries or developmental disabilities
- support workers in group homes for children, youth, or adults with developmental disabilities, brain injury, behaviour or mental health challenges
- vocational services (sheltered employment, day programming or supported employment) to people with mental health challenges, brain injuries or developmental disabilities
- support workers in residential treatment centers for adults with addictions
- community social service agencies
- support workers in women’s emergency shelters
- diversion programs and halfway houses for adults paroled to the community
- leisure and recreational services to children, youth and adults

Practicum Sites

Practicum sites include but are not limited to:

- residential and community-based services for children and youth;
- residential centres for adults with addictions;
- social and recreational programs for children, youth and adults;
- community based and residential programs for persons with a mental illness or a developmental disability;
- community social service agencies;
- elementary, secondary and post-secondary schools;
- independent and shared living homes;
- and supported employment programs.

Students must complete an eight-week practicum in each year of the diploma program. These practica occur from mid-April to mid-June, and require students to attend their placements for approximately 30 hours per week.

Students often wonder where they can take their practicum. Please know that:

- If a student is enrolled in the program in Kelowna, the practicum sites occur in communities from Lake Country to Osoyoos.
- If a student is enrolled in the program in Vernon, the practicum sites occur in communities from Lake Country to Enderby.
- If a student is enrolled in the program in Salmon Arm, the practicum sites occur in communities from Enderby to Revelstoke.

Graduation Requirements

Students must obtain a minimum graduating grade average of 60% in academic courses. Minimum passing grade for all HSW courses is 70%. The practicum is graded as either a pass or fail.

Pharmacy Technician Certificate

The Pharmacy Technician Certificate program prepares students for employment as technicians in community and hospital pharmacies. Students gain knowledge and skills relevant to the technical and
clerical aspects of the pharmacy profession.

Topics covered include: job orientation, pharmacy equipment, prescription preparation, mathematical skills in pharmacy, inventory maintenance, record keeping, pharmaceutical products, compounding, sterile product handling, hospital pharmacy procedures, computer skills, communication skills and the law as it applies to pharmacies, and the legal relationship between a pharmacist and technician.

The program includes theory, demonstrations, and practice in the classroom. Students will be assigned both a community pharmacy and a hospital pharmacy practicum. Students are required to have a lab coat or nurse's uniform for the labs and practicum. Please note that practicum placements may be anywhere in BC, so travel may be required.

Program graduates will have completed the first step to becoming a regulated pharmacy technician. For more information on the regulation process for pharmacy technicians please visit: http://www.bcpharmacists.org/new-practice.

The length of the theory and lab practice portion of the program is approximately 26 full-time weeks per year, depending on the Calendar year. The two practica, hospital and community, are 180 hours each.

Admission Requirements

- B.C. secondary school graduation or equivalent (Adult Graduate Diploma).
- For applicants whose first language is English: English 12 with minimum 60% or alternatives.
- For applicants whose first language is not English:
  - Language proficiency test results that meet the National Association of Pharmacy Regulatory Authorities (NAPRA) Language Proficiency Requirements
  - A TOEFL score of at least 91 (Internet-based), or
  - an overall band score of 6.5 on the academic version of IELTS

Or

- An undergraduate degree from a university in Canada, whose instruction was provided in English.
- A minimum grade of 60% in BIOL 11, Life Sciences 11, or an equivalent Advanced Level ABE Biology course, or Biology 12, Anatomy and Physiology 12, or an equivalent. The Biology course must include a human anatomy and physiology component.

  - For applicants who have completed their Biology courses in B.C. (at the senior secondary level or through ABE), Biology 12 is required. B.C. Biology 11 does not include a human anatomy and physiology component.

- A minimum grade of 60% in Chemistry 11 or an equivalent Advanced Level Adult Basic Education Chemistry course. Chemistry 12 is recommended.
- A minimum of 60% in any of:
  - Pre-calculus Grade 11
  - Principles of Mathematics 11
  - Adult Basic Education MATH 011
  - Okanagan College MATH 120.
- Or a minimum of 70% on an Okanagan College Mathematics 11 Proficiency Exam.

- Applicants who have not satisfied this requirement within the last seven years may write the Okanagan College Mathematics 11 Proficiency exam and must receive a minimum grade of 70%.

- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in the cancellation of the applicant's admission application.

Program Requirements

The following will be collected on the first day of classes by the instructor:

- Current immunization as required by clinical partner sites and recommended by B.C. Centre for Disease Control (2009): diphtheria
and tetanus, polio, hepatitis B, measles, mumps and rubella (MMR), varicella, and influenza.

- Applicants must provide evidence of a negative tuberculin test, taken no more than six months before the date of application (or evidence of appropriate follow up if the test was positive.)

Program Outline

PHRM 101 Introduction to Pharmacy Practice
PHRM 102 Medical Terminology
PHRM 103 Pharmacy Law
PHRM 104 Pharmacy Computer Applications
PHRM 105 Communications and Employment Preparation
PHRM 106 Pharmacology I
PHRM 107 Drug Distribution
PHRM 108 Pharmacology II
PHRM 109 Product Preparation I
PHRM 110 Product Preparation II
PHRM 111 Hospital Practicum
PHRM 112 Community Practicum

The practica are used to provide the student with practical experience as a Pharmacy Technician.

Graduation Requirements

- Students must complete and pass PHRM 111 Hospital Practicum and PHRM 112 Community Practicum.
- Students must complete all other courses in the program outline with a minimum grade of 70%.

Practical Nursing Diploma

This program is offered every August and January in Kelowna, January in Penticton, and alternating years in Vernon and Salmon Arm.

The practical nursing program is designed to provide learners with the knowledge, skills, judgments, and attitudes to perform the full range of competencies as identified by the British Columbia College of Nurses and Midwives (BCCNM). The program provides a learning experience that is integrated, professional, collaborative and culturally sensitive with an aim to prepare graduates to care for individuals and families at multiple life stages and in a variety of practice settings.

Throughout the program students will engage in learning activities that will further their development as practicing professionals and leaders. The program focuses on person-centered care, advocacy and critical thinking in preparation for a career in healthcare. Students will progress through a combination of courses and clinical placements to prepare them for subsequent work as a Practical Nurse. Upon successful completion of the program graduates will be eligible to write the Canadian Practical Nurse Registration Exam, required for licensure in B.C. Graduates of the program may obtain employment in community, continuing care, residential care or acute care settings.

There will be four program intakes per year: Each January at the Kelowna and Penticton campus and each September at the Kelowna and Vernon/Salmon Arm campus. Vernon and Salmon Arm alternate hosting the program each September. The overall length of the program is 70 weeks including built in program breaks; the length of instruction including preceptorship is 62 weeks.

Admission Requirements

B.C. secondary school graduation, or equivalent (ABE, GED), or mature student status

English Requirement:

Either:

- A minimum grade of 70% in one of: English 12 or equivalent, English First Peoples 12, or an equivalent Provincial Level Adult Basic Education English course.

Or

- A grade between 50% and 69% inclusive in one of: English 12, English First Peoples 12, or an equivalent Provincial Level Adult Basic Education English course, and a minimum score of Level 5 on the Language Proficiency Index (LPI) test.

English Language Requirement:
1. Three years of full-time, face-to-face secondary or post-secondary education at an accredited institution where English is the medium of instruction and is also one of the country’s official languages. English as a Second Language/Additional Language courses are not included in this three-year calculation. Those not meeting this requirement must achieve scores identified in one of the two tests below:

- International English Language Testing System (IELTS) with minimum scores of:
  - Speaking: 7.0
  - Listening: 7.5
  - Reading: 6.5
  - Writing: 7.0
  - Overall Band Score: 7.0

- Canadian English Language Benchmarks Assessment for Nurses (CELBAN) with minimum scores of:
  - Speaking: 8.0
  - Listening: 10.0
  - Reading: 8.0
  - Writing: 7.0

In addition to meeting English language requirements for the Practical Nursing program, graduates must be able to demonstrate a level of proficiency required to be performance ready as a condition for registration and practice in British Columbia. See BCCNM’s website for details.

Mathematics Requirement:

A minimum of 67% in any of:

- Pre-Calculus Grade 11
- Foundations of Mathematics Grade 11
- Principles of Mathematics 11
- Adult Basic Education MATH 011

Or a minimum grade of 70% in one of:

- Adult Basic Education IALG 011
- Both Math 084 and MATH 085

Biology Requirement:

Both:

- A minimum grade of 67% in a Grade 12 Biology course which includes human anatomy and physiology or Anatomy and Physiology 12 or an equivalent Provincial level Adult Basic Education Biology course.
- A minimum grade of 70% in Pre-Practical Nursing Anatomy and Physiology (PNUR 113) course. Please note that Biology 12 is a prerequisite for PNUR 113.

Selection Process

Fall Intakes

Applications will be accepted starting at 8:30 a.m. on the first business day in October and ending no later than 4:30 p.m. on the last business day in February. Applicants will be ranked based on the grade average of the courses satisfying the Grade 11 Math, Grade 12 English, and Grade 12 Biology admission requirements.

Applicants enrolled in Grade 12 or Grade 12 upgrading are required to submit final or interim grades by 4:30 p.m. on the last business day in February.

The ranking of applications will take place in March and successful applicants will be notified by early April. Once the ranking has been completed, the limited number of seats in the program will be filled by offers of admission and all others will be put on a waitlist in order of their ranking. Students offered admission will be given a deadline to accept the offer by payment of the Admissions deposit. Those who do not accept their offer by the deadline specified will be cancelled and the seat offered to the next ranked person on the list.

Winter Intakes

Applications will be accepted starting at 9 a.m. on the first business day in April and ending no later than 4:30 p.m. on the last business day in July. Applicants will be ranked based on the grade average of the courses satisfying the Grade 11 Math, Grade 12 English, and Grade 12 Biology admission requirements.

Applicants enrolled in Grade 12 or Grade 12 upgrading are required to submit final or interim grades by 4:30 p.m. on the last business day in July.

The ranking of applications will take place in August and successful applicants will be notified by early September. Once the ranking has been completed, the limited number of seats in the program will be filled by offers of admission and all others will be put on a waitlist in order of their ranking. Students offered
admission will be given a deadline to accept the offer by payment of the Admissions deposit. Those who do not accept their offer by the deadline specified will be cancelled and the seat offered to the next ranked person on the list.

Medical Requirements

- CPR level "C"
- *Either* Red Cross Standard First Aid or St. John Ambulance Standard First Aid.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant’s admission application.
- Negative TB skin test or chest x-ray no more than 6 months before the date of application or adequate follow-up in the case of a positive test

Program Requirements: The following will be collected on the first day of classes by the instructor.

- Current immunization as required by clinical partner sites and recommended by BC Centre for Disease Control (2009): diphtheria and tetanus, polio, hepatitis B, measles, mumps and rubella (MMR), varicella, and influenza.

Program Residency Requirements

Students must complete a minimum of 50% of the program hours at Okanagan College.

Program Outline:

Semester 1

- **PNSG 111** Health Promotion I
- **PNSG 112** Professional Practice I

- **PNSG 113** Variations in Health I
- **PNSG 114** Pharmacology I
- **PNSG 115** Professional Communication I
- **PNSG 116** Integrated Nursing Practice I
- **PNSG 117** Consolidated Practice Experience (CPE) I

Semester 2

- **PNSG 211** Health Promotion II
- **PNSG 212** Professional Practice II
- **PNSG 213** Variations in Health II
- **PNSG 214** Pharmacology II
- **PNSG 215** Professional Communication II
- **PNSG 216** Integrated Nursing Practice II
- **PNSG 217** Consolidated Practice Experience (CPE) II

Semester 3

- **PNSG 311** Health Promotion III
- **PNSG 312** Professional Practice III
- **PNSG 313** Variations in Health III
- **PNSG 315** Professional Communication III
- **PNSG 316** Integrated Nursing Practice III
- **PNSG 317** Consolidated Practice Experience (CPE) III

Semester 4

- **PNSG 411** Health Promotion IV
- **PNSG 412** Professional Practice IV
- **PNSG 413** Variations in Health IV
- **PNSG 415** Professional Communication IV
- **PNSG 416** Integrated Nursing Practice IV
- **PNSG 417** Consolidated Practice Experience (CPE) IV
- **PNSG 511** Transition to Preceptorship
PNSG 512 Preceptorship

Graduation Requirements:
A pass in each Consolidated Practice Experience course and Preceptorship and a minimum of 70 in each other course.

Therapist Assistant Diploma

The Therapist Assistant Diploma will prepare the graduate to work as an Assistant to Occupational Therapists, Physiotherapists and Recreational Therapists. It is a two-year diploma of full-time study including four semesters of coursework plus 18 weeks of practical experience in clinical settings.

Principles, theory and practice will be taught at the Assistant level in the disciplines of Occupational Therapy, Physiotherapy and Recreation Therapy. Students will obtain an academic and practical foundation in the areas of health and rehabilitation science, and will take introductory-level university courses in English, Biology and Psychology. The Therapist Assistant Diploma curriculum is reflective of the growing and evolving scope of practice for Therapist Assistants. It has been developed in consultation with therapists, therapist assistants, and employers province-wide and is informed by national trends and provincial trends and competencies.

The Therapist Assistant Program at Okanagan College has been accredited by the Occupational Therapist Assistant and Physiotherapist Assistant Education Accreditation Program (OTA & PTA EAP) in collaboration with Physiotherapy Education Accreditation Canada (PEAC) and the Canadian Association of Occupational Therapists (CAOT). The status of Accreditation was awarded to the program on April 30, 2019 for the period until April 30, 2025.

Admission Requirements

The following apply to all applicants of the Therapist Assistant Diploma:

- Current certification in Red Cross Standard First Aid or St. John Ambulance Standard First Aid. Current certification in CPR Level C.
- Results of tuberculin testing done no more than six months before the date of application with evidence of appropriate follow up if the test was positive.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant’s admission application.

Applicants are strongly advised to ensure that their immunizations are current and to be immunized for Hepatitis B. Failure to submit all required documentation by a specified deadline may result in denial of admission. Applicants are strongly advised to have at least a beginner’s level of competency with computers and word processing before entering the Therapist Assistant Diploma.

Academic Admission Requirements

Applicants may meet the academic admission requirements for the Therapist Assistant Diploma by completing either Option One or Option Two listed below:

Option One

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- Chemistry 11 or an equivalent Advanced Level ABE Chemistry course
- At least one of the following: Biology 12, Anatomy and Physiology 12, or BIOL 122 or BIOL 124 or an equivalent Provincial Level ABE Biology course. (Biology 12 or BIOL 122 is strongly recommended.)

Option Two
- One of ENGL 100, 150, 151, or 153 or equivalent
- BIOL 131 and 133 or equivalent.
- PSYC 111 and 121 or equivalent.

**Note To All Applicants:** The Therapist Assistant diploma has a demanding course load. Applicants are advised to consider taking one or more of the following courses before beginning the program: BIOL 131 and 133 (strongly recommended), PSYC 111 and 121, one of ENGL 100, 150, 151, or 153

**Program Outline**

**Year I**

**Semester I**
- **BIOL 131** Human Anatomy and Physiology I
- **PSYC 111** Introduction to Psychology: Basic Processes
- **THER 102** Communication and Group Process
- **THER 103** Disease and Disability
- **THER 140** Recreation Therapy Assistant: Principles & Practice I

Plus one of:
- **ENGL 100** University Writing
- **ENGL 150** Critical Writing and Reading: Poetry and Drama
- **ENGL 151** Critical Writing and Reading: Short Fiction and the Novel
- **ENGL 153** Critical Writing and Reading: Narrative

**Semester II**
- **BIOL 133** Human Anatomy and Physiology II
- **PSYC 121** Introduction to Psychology: Personal Functioning
- **THER 104** Client Care Principles & Practice: Introductory
- **THER 120** Occupational Therapist Assistant: Principles & Practice I
- **THER 125** Practicum Preparation
- **THER 130** Physical Therapist Assistant: Principles & Practice I
- **THER 141** Recreation Therapist Assistant II: Principles & Practice
- **THER 150** Practicum I: Recreation Therapist Assistant
- **THER 151** Practicum II: OTA and/or PTA Placement

**Year II**

**Semester III**
- **THER 201** Gross Anatomy & Kinesiology
- **THER 203** Psychiatry & Mental Health
- **THER 204** Client Care Principles & Practice: Advanced
- **THER 220** Occupational Therapist Assistant: Principles & Practice II
- **THER 230** Physical Therapist Assistant: Principles & Practice II

**Semester IV**
- **THER 205** Therapeutic Modalities
- **THER 215** Professional Practice
- **THER 221** Occupational Therapist Assistant: Principles & Practice III
- **THER 231** Physical Therapist Assistant: Principles & Practice III
- **THER 260** Capstone Project
- **THER 250** Preceptorship I: Occupational or Physical Therapist Assistant
- **THER 251** Preceptorship II: Occupational or Physical Therapist Assistant

**Practicum, Extern and Clinical Experiences**

Practical experiences are an integral part of the Therapist Assistant program. Practicum sites may be in hospitals, multi-level care facilities, community or
private agencies and government institutions. Locations are throughout, and often outside, the Okanagan Valley. Students should be prepared to leave the Okanagan Valley for practica. While every effort will be made to accommodate student's preferences for locations of clinical experiences, Okanagan College reserves the right to determine the appropriateness of any placement. All agencies and institutions serving as practicum sites must be approved by Okanagan College. Okanagan College reserves the right to change a student's practicum placement. The student has the right to be informed, in writing, of reasons for doing so.

Student Transportation and Accommodation: Students must arrange their own transportation to and from practicum sites. In most cases, a driver's license and access to a reliable vehicle is required. Travel and accommodation expenses are the student's responsibility.

Other Program Information

After Graduation

Graduates will be prepared to work at as entry-level Assistants in the three disciplines of Occupational Therapy, Physiotherapy and Recreation Therapy in a wide variety of healthcare settings throughout B.C. and Canada. There are job opportunities in a wide variety of health care settings including hospitals, rehabilitation centres, multi-level care facilities, community care, community mental health, child development centres, and private practice.

The role of the Therapist Assistant includes the implementation of rehabilitation programs, under the supervision of a therapist, to maintain and enhance functional abilities, independence and quality of life.

When working with clients some examples of duties include:

- Physiotherapist Assistants: joint range of motion, muscle stretching and strengthening, balance and mobility training, and application of thermal modalities such as heat and ice.
- Occupational Therapist Assistant: the use of activities and treatment techniques to develop motor, sensory, cognitive, perceptual and psychosocial skills needed to function as independently as possible.
- Recreational Therapist Assistant: planning and implementation of leisure activity programs to promote physical, social, mental and spiritual well-being.

Assistants are expected to perform support-related duties such as equipment cleaning and maintenance, inventory management, and clerical duties.

Therapist Assistants are expected to demonstrate:

- Effective oral and written communication skills
- Professional behaviours and attitudes reflecting knowledge of the scope of practice and responsibilities
- The ability to listen, comprehend and act, and to show good clinical judgement
- The capacity to critically evaluate one's own skills and abilities, and identify learning needs
- An ability to work with people affected by disability, injury, illness or the affects of aging.

Therapist Assistant students graduate with a broad clinical experience and are flexible members of the interdisciplinary health care team.

Location

Kelowna

Program Length

Four semesters, plus 18 weeks fieldwork; two-year diploma

Textbooks and Supplies

In addition to tuition fees, expect to spend approximately $2,000 for textbooks, a transfer belt, supplies for some assignments, a supportive pair of shoes and two Therapist Assistant golf-shirts (information on purchasing these items will be provided by instructors during the first week of classes). Students are responsible for their own transportation to visit practice settings and for travel to practica and preceptorships.
Graduation Requirements

Students must obtain a minimum grade of 50 in English, Biology and Psychology, a pass in Therapist practica and preceptorships, and a minimum grade of 70 in each other THER course.

Normally, students must complete the program within four years of initial entry.

Trades & Apprenticeship

To find information about Culinary Arts programs, please visit this link.

Trades Foundation Programs

Okanagan College offers the following trades programs: Aircraft Maintenance Engineer, Automotive Collision Repair, Automotive Collision Repair/Painting and Refinishing, Automotive Refinishing, Automotive Service Technician, Carpentry/Joinery, Culinary Arts (certificate and diploma), Heavy Duty and Commercial Transport Mechanic, Recreation Vehicle Service Technician, Residential Construction, Electrical, Plumbing, Sheet Metal, and Welding. All programs are of an applied nature and prepare students for employment. See the Okanagan College website for more information.

Programs are offered at centres throughout the College region beginning at various times throughout the year. Please see specific programs for more information.

Pre-employment entry-level training programs provide students with the knowledge and skills required for employment in a specific trade. Training courses vary in length according to the demands of the occupation, but are designed to provide new-entry workers with adequate standards of basic skills together with a sound basis of fundamental and related theory. Training programs familiarize students with special occupational requirements in the areas of attitude, safety, work habits, personal and departmental responsibilities. These programs lead to potential apprenticeships.

Students are frequently recruited by business and industry. The instructional staff at Okanagan College together with Human Resources Development Canada (HRDC) assist in suitable student placement (however, the ultimate responsibility for locating employment rests with the student).

Regional Program Offerings: Various trades programs are offered in response to local needs during the year at locations throughout the Okanagan College region. These program offerings are advertised in local newspapers. For more information, see telephone numbers and addresses of Okanagan College centres.

Risks: There are inherent risks associated with these programs and the potential for personal injury that may result from the use of tools and equipment, working in shops, compounds, work sites and participating in work terms and field trips.

Safety Regulations Policy: Students are expected to conform to the safety regulations of the Workers’ Compensation Board (this includes the consumption of alcohol and drugs). Failure to observe Workers’ Compensation Board safety regulations may result in suspension from the training program. Students in shop courses and other hazardous training areas must purchase boots or shoes with steel toes. Other students should wear shoes with non-skid soles. Students are required to adhere to department policies on the wearing of safety glasses or goggles.

Passing Standards: To conform to the regulations and standards set by outside agencies and licensing boards, some trades programs have specific passing standards which may differ from Okanagan College's standardized grading system. These passing standards or minimum passing grades are clearly stated in each program description.

Entry-Level Training Programs: These programs provide students with basic theoretical and practical knowledge in the various trades listed below and for entry into apprenticeship training. Emphasis is placed on good work habits and safe working practices.

Admission Requirements - Foundation (Pre-Apprenticeship) Training Programs (unless otherwise indicated)

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.
- Satisfactory standing in basic mathematics and reading tests.

Location: Programs are offered at centres throughout the college region.

Supplies: Students must provide their own steel-toed safety boots, coveralls and/or uniform.
Apprenticeship Programs

B.C.’s apprenticeship system is recognized worldwide for its curriculum and graduates. Okanagan College provides high-quality instruction. Instructors are experts in their trade and continue to follow the provincial curriculum and the National Occupational Analysis for each trade. They combine traditional classroom instruction with practical hands-on experience in well-equipped shops and labs.

Apprenticeship combines paid on-the-job training, work experience and post-secondary classroom instruction. The majority of an apprentice’s time (80 percent) is spent learning skills and gaining experience on the job (under the direction of a highly skilled journeyperson.) Approximately 20 percent is spent learning in a classroom setting.

The average apprenticeship program takes four years to complete, but depending on the trade, can range from one to five years in length. Upon completion, an apprentice is required to write an exam in order to receive his/her Journeyperson designation.

All of the apprenticeship programs taught at Okanagan College lead to Interprovincial (Red Seal) endorsement. This endorsement provides an apprentice with national recognition as a journeyperson in his/her respective trade. For more information on this program visit www.red-seal.ca.

To see programs and start dates, view the Apprenticeship website: www.okanagan.bc.ca/apprenticeship.

How to Apply

To become an apprentice, students must secure employment with an employer and register with the Industry Training Authority (ITA) at 1-866-660-6011 or download an application form from www.itabc.ca. Once registered, apprentices will receive a registration number from ITA. The apprentice can reserve a seat for technical or apprenticeship training at Okanagan College by contacting the Apprenticeship Office. The apprenticeship training programs are offered to registered apprentices as part of the provincial training requirement, which is developed in cooperation with the Ministry of Advanced Education and Labour Market Development and the Industry Training Authority. Inquiries on indentured apprenticeship and programs should be forwarded to the:

Apprenticeship Department: Kelowna Campus
Marie Crossley, Manager, Apprenticeship Programs
T115 - 1000 KLO Rd., Kelowna, B.C., V1Y 4X8
Toll-free: 1-800-621-3038
Fax: 250-862-5469
www.okanagan.bc.ca/apprenticeship/

Aircraft Maintenance Engineering Department

Aircraft Maintenance Technician

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 4 semester 2 year diploma program (76 weeks) is offered in partnership with Northern Lights College (NLC) in Dawson Creek, B.C. The first 3 semesters (55 weeks) of training take place at Okanagan College Aerospace Campus in Vernon B.C. The final semester (18 weeks) takes place at Northern Lights College in Dawson Creek. The diploma is conferred by Northern Lights College. All curriculum and entrance requirements at Okanagan College align with the AMT program at Northern Lights College.

The program is designed to take a student with little or no previous experience in the aircraft maintenance trade and supply him/her with the necessary skills to seek employment in that industry as an apprentice Aircraft Maintenance Engineer. The curriculum follows Transport Canada's guidelines and upon successful completion of the program, Transport Canada will grant graduates 18 months of experience credits toward the 48-month experience requirement for an Aircraft Maintenance Engineer license. Graduates also receive a diploma for Aircraft Maintenance Technician from Northern Lights College.

Apprenticeship technical training credit for Levels One through Four will be granted upon successful completion of this program. Apprenticeship practical training credit may also be granted by the employer as a result of prior practical experience.

Training provided is applicable to both rotary wing aircraft (helicopters) and fixed wing aircraft, covering a wide range of subjects with emphasis on practical
training. Some of the major subjects taught include aviation law, theory of flight, powerplants (turbine and piston), airframe structures and systems, hydraulics, electrical and avionics systems.

Canadian Armed Forces Accreditation Certification Equivalency is approved, fast track your career in the Armed Forces with this program.

Admission Requirements

The following admission requirements align with the admission requirements established by Northern Lights College.

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.
- English 11 with minimum 60% or alternatives or English 12 with minimum 60% or alternatives. B.C. Communications 11 or Communications 12 with minimum 60% is acceptable.

Or an ABLE reading comprehension score of at least 83%. Test scores are only good for two (2) years.

Math requirement:

A minimum of 60% in one of:

- Pre-calculus Grade 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years. Applicants who have not satisfied the math requirement within the last seven (7) years must write the TEA mathematics test and must receive a minimum of 63%.

Dual Credit (BC's ACE IT program)

Dual credit students must complete Grade 11 prior to the start of the program including the math and English requirements as outlined above. A Grade 11 core science (preferably physics) with 60% or higher is also required. One Grade 10 shop class is recommended.

Program Partnership

For more information on the NLC portion of this partnership program visit Northern Lights College.

Components

Term I: Okanagan College Aerospace campus session, Vernon, B.C.: 55 weeks

Term II: Northern Lights College, Dawson Creek, B.C.: 18 weeks

Theory

- AMT 101 General Introduction
- AMT 102 Aerodynamics Fixed Wing Aircraft
- AMT 103 Materials Aircraft Structures
- AMT 104 Aircraft Hardware Approved Parts
- AMT 105 Aircraft Hydraulic Pneumatic Systems
- AMT 106 Aircraft Equipment Introduction
- AMT 107 Basic Aircraft Electricity DC
- AMT 108 Blueprint Design
- AMT 109 Hand Tools
- AMT 110 Aviation Math
- AMT 111 Canadian Aviation Regulations 1
- AMT 112 Flight Controls Fixed Wing and Rigging
- AMT 114 Practical Projects
- AMT 121 Canadian Aviation Regulations 2
- AMT 122 Non Destructive Testing Corrosion
- AMT 123 Aircraft Aerodynamics Rotary
- AMT 124 Human Factors in Aviation
- AMT 125 Aircraft Maintenance Inspections
- AMT 126 Basic Electricity AC
AMT 127 Turbine Engine Theory
AMT 128 Piston Engines 1
AMT 129 Reciprocating Components
AMT 130 Electrical Systems
AMT 132 Practical Projects 2
AMT 210 Instrumentation and Avionics
AMT 211 Dynamic Systems
AMT 212 Aircraft Protection Systems
AMT 213 Weight and Balance
AMT 214 Piston Engines 2
AMT 215 Propellers
AMT 216 Turbine Engine Systems
AMT 217 Landing Gear
AMT 218 Rotary Flight Controls and Rigging
AMT 219 Turbine Engine Systems
AMT 220 Practical Projects 3
AMT 221 Canadian Aviation Regulations 3
AMT 222 Practical Projects 4

Transport Canada also grants graduates of this program ten months experience credit towards the 36 month experience requirement. Upon completion of the required total work experience and successful completion of a regulatory exam you will qualify for a Transport Canada AME "S" Licence.

**Admission Requirements**

- B.C secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.

- English 11 with minimum 50% or alternatives, or a TEA reading comprehension score of at least 83%.

- Math requirement:
  
  A minimum of 50% in any of:
  
  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11
  - Apprenticeship and Workplace Mathematics Grade 11
  - Workplace Mathematics 11
  - Principles of Mathematics 11
  - Applications of Mathematics 11
  - Essentials of Mathematics 11
  - Adult Basic Education MATH 011
  - Adult Basic Education MATH 084 and MATH 085
  - Adult Basic Education IALG 011

  Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

Good colour vision and an interest in mechanics are recommended.

**Program Outline**

**Term 1 (16 weeks)**

- AVST 100 Introduction to Aviation Structures
- AVST 101 Metal A/C Construction 1
AVST 102  Metal A/C Construction 2
Term 2 (16 weeks)
AVST 200  Special Processes/Practices
AVST 201  Composite Fabrication/Repair
AVST 202  Damage Assessment/Repair 1

Term 3 (5 weeks)
AVST 300  Damage Assessment/Repair 2

There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

Graduation Requirements

A minimum grade of 70% is required in every course to complete the program.

Attendance:
The attendance policy for the Aircraft Maintenance Engineer Category 'S' (Structures) program differs from other OC programs and is regulated by Transport Canada.
In compliance with Canadian Aviation Regulation Standard 566:
(A) students having missed more than 5 percent of the course through absences, shall not qualify for experience credit from a basic training course;
(C) a student may make up the lost time which is in excess of 5 percent through documented supplementary studies, equivalent to that missed from the original program to qualify for experience credit.

Automotive Collision Repair
Department

Automotive Collision Repair
(now offered as Collision Repair/Refinishing Prep Technician)

Now offered as Collision Repair/Refinishing Prep Technician.

This 30-week (900 hour) program has been designed to take learners with little or no previous experience in the automotive collision repair trade and supply them with the necessary skills to seek employment in this industry. Instruction in all subject matters relating to Level 1 technical training for Motor Vehicle Body Repairer (Automotive Collision Repair Technician) apprenticeship is included.

Graduates of this program will receive Industry Training Authority (ITA) credit for Level 1 technical training and 625 work-based hours towards their apprenticeship for Motor Vehicle Body Repairer.

Admission Requirements

• B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
• English 10 with minimum 50% or alternatives.
• A minimum 50% in one of:
  o Mathematics Grade 10
  o Foundations of Mathematics and Pre-calculus Grade 10
  o Apprenticeship and Workplace Mathematics Grade 10
  o Both Adult Basic Education Math 071/072
  o Or a minimum of 50% in the ABLE mathematics test.

Program Outline

CNRP 101
CNRP 102
CNRP 103
CNRP 104
CNRP 105
CNRP 106
CNRP 107
CNRP 108
CNRP 109
CNRP 110
CNRP 111
CNRP 112
CNRP 113
Graduation Requirements

Graduates must complete the 14 courses with a minimum passing grade of 70% in each course.

Entry Level Automotive Collision and Refinishing Program

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 36-week (1080 hour) program has been designed to take a student with little or no previous experience in the automotive collision repair trades and supply them with the necessary skills to seek employment in this industry as an apprentice. Courses in this program follow the Industry training authority's automotive Collision and Refinishing common core level 1 and will introduce students to the many aspects of the automotive collision repair trades with a focus on developing practical skills.

Graduates of this program will receive Industry Training Authority (ITA) credit for Automotive Collision and Refinishing common core level 1 technical training and will also receive 625 work-based hours towards either their Automotive Collision Repair apprenticeship or 450 hours toward their Automotive Refinishing apprenticeship but not both.

Admissions Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:

A minimum of 50% in any of:

- Mathematics 10
- Apprenticeship and Workplace Mathematics 10
- Workplace Mathematics 10
- Foundations of Mathematics and Pre-Calculus 10
- Adult Basic Education MATH 071 and MATH 072

The TEA mathematics Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the Trades Entrance Assessment (TEA) Mathematics test and must receive a minimum of 50%.

Program Outline

CLSN 101 Safety in the Collision Repair Industry
CLSN 102 Documentation and Communication in the Workplace
CLSN 103 Tools and Equipment
CLSN 104 Vehicle Construction and Components
CLSN 105 Prepare Surfaces
CLSN 106 Welding and Heating Equipment
CLSN 107 Sheet Metal Repair
CLSN 108 Plastic and Composites
CLSN 109 Repair Materials, Refinishing Coatings and Equipment
CLSN 110 Panel Replacement
CLSN 111 Mechanical
CLSN 112 Pre-Delivery
CLSN 113 Preparation for Employment
CLSN 114 Automotive Collision and Refinishing Level1 Exam
CLSN 115 Industry Work Term

Program Schedule: September to May

Textbooks: $194.49 approximately
Graduation Requirement

Minimum passing grade is a GGA of seventy per cent (70%) with no less than fifty per cent (50%) per course.

Automotive Refinishing Prep Technician

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 22-week entry-level training program has been designed to take a student with little or no previous experience in the automotive refinishing/painting trade and supplies them with the necessary skills to seek employment in this industry. Instruction in all subject matters relating to the Automotive Paint Prep apprenticeship is included. Graduates of this program will receive Industry Training Authority (ITA) credit for Level I Apprenticeship technical training for Automotive Paint Prep Technician. The Automotive Refinishing Prep Technician credential is the prerequisite for the Automotive Refinishing Painter (Automotive Refinishing Technician) apprenticeship. Graduates of this program may also be granted practical credit from the Industry Training Authority.

Admissions Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:
  - A minimum of 50% in any of:
    - Mathematics 10
    - Apprenticeship and Workplace Mathematics Grade 10
    - Foundations of Mathematics and Pre-calculus Grade 10
    - Adult Basic Education MATH 071 and MATH 072

The ABLE Mathematics Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 50%.

AREF 101 Use Safe Work Practices
AREF 102 Tools and Equipment
AREF 103 Surface Preparation
AREF 104 Sheet Metal Repair
AREF 105 Plastics and Composites
AREF 106 Undercoats
AREF 107 Topcoats
AREF 108 Spot Repairs
AREF 109 Pre-Delivery
AREF 110 Preparation for Employment
AREF 111 Automotive Refinishing Prep Technician Final Exam

Graduation Requirement

Minimum passing grade per component is 70%.

Collision Repair Technician Certificate (now offered as Collision Repair/Refinishing Prep Technician)

Now offered as Collision Repair/Refinishing Prep Technician.

This 41-week (1,230 hour) program takes a student with little or no previous experience in the automotive collision repair trade and supplies them with the necessary skills to seek employment in this industry. Instruction in all subject matters relating to Levels 1, 2, and 3 Automotive Collision Repair apprenticeship is included. Graduates of this program will receive Industry Training Authority (ITA) credit for all three levels of Apprenticeship technical training for Automotive Collision Repair. Graduates of this program may also be granted practical credit from the
Industry Training Authority. Successful graduates are eligible to write the Inter-Provincial Red Seal Exam.

Admission Requirements

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement: Students graduating from secondary school in or prior to 2012: Mathematics 10 or an equivalent Intermediate Level Adult Basic Education Mathematics course, or an Trades Entrance Assessment (TEA) mathematics score of at least 50%. Students entering Grade 10 in or after 2010 and/or completing the new mathematics curriculum: One of: Apprenticeship and Workplace Mathematics 10, Foundations of Mathematics or Pre-Calculus 10, or an equivalent Intermediate Level Adult Basic Education Mathematics course or an Trades Entrance Assessment (TEA) mathematics score of at least 50%.

Program Outline

- CRTF 101 Introduction to Collision Repair
- CRTF 102 Safety in the Collision Repair Industry
- CRTF 103 Applied Shop Practices
- CRTF 104 Tools and Equipment
- CRTF 105 Body Structure and Components
- CRTF 106 Fixed and Moveable Glass
- CRTF 107 Cutting and Heating Technologies
- CRTF 108 MIG Welding Steel
- CRTF 109 MIG Welding Aluminum
- CRTF 110 TIG Welding Steel and Aluminum
- CRTF 111 Automotive Sheet Metal Repair Fundamentals
- CRTF 112 Plastic Repair Technologies
- CRTF 113 Composite Plastic Repair Technology
- CRTF 114 Aluminum Repair
- CRTF 115 Aluminum Panel Replacement
- CRTF 116 Surface Preparation
- CRTF 117 Undercoats
- CRTF 118 Topcoats for the Collision Technician
- CRTF 119 Detailing
- CRTF 120 Unibody Panel Replacement and Sectioning
- CRTF 121 Full Frame Replacement and Sectioning
- CRTF 122 Corrosion Protection and NVH Technologies
- CRTF 123 Mechanical Components 1 - Heating/Cooling/HVAC
- CRTF 124 Mechanical Components 2 - Electrical Systems
- CRTF 125 Mechanical Components 3 - Hybrid Vehicle Technology
- CRTF 126 Mechanical Components 4 - Electronic Diagnostics
- CRTF 127 Mechanical Components 5 Restraint Systems
- CRTF 128 Mechanical Components 6 - Braking Systems
- CRTF 129 Mechanical Components 7 - Fuel & Exhaust Systems
- CRTF 130 Mechanical Components 8 - Drivetrain & Mounts
- CRTF 131 Collision Impact Analysis
- CRTF 132 Measuring Collision Damage
- CRTF 133 Anchoring Systems & Principles
- CRTF 134 Structural Pulling and Straightening
- CRTF 135 Advanced Repair & Sectioning Techniques
- CRTF 136 Wheel Alignment & Damage Diagnosis
- CRTF 137 Business Management & Insurance Liaison
Graduation Requirements

Graduates must complete the 38 courses with a minimum passing grade of 70% in each course.

Collision Repair and Refinishing Diploma

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This two-year diploma program is designed for students who wish to obtain employment in the automotive industry as an Automotive Collision Repair Technician, Refinishing Preparation Technician or Auto Glass Technician. The program begins by providing the student with the first year of apprenticeship training followed by second-year courses that focus on industry required skills in estimating, office skills and entrepreneurship.

This unique program provides training in four technical areas that include automotive refinishing preparation, automotive refinishing, automotive collision repair and auto glass repair and replacement. Each of these areas will be covered providing the graduate with completion of four modules of level one technical training. Upon successful completion of the technical training, students will be eligible to write the provincial Industry Training Authority standardized examinations.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 11 with minimum 50% or alternatives.
- A minimum 50% in one of:
  - Mathematics Grade 10
  - Foundations of Mathematics and Pre-calculus Grade 10
  - Both Adult Basic Education MATH 071/072
- Or a minimum of 50% in the ABLE mathematics test.

Relevant trades experience may be assessed for entry into this program.

Year Two entry - A student who has successfully completed the Collision Repair/Refinishing Prep Technician Foundation Program within the previous five years is also eligible for admittance into the second year of this diploma program.

Program Outline

Year 1

CRRD 110 Workplace Safety
CRRD 115 Tools and Equipment
CRRD 120 Collision Facility Operations
CRRD 125 Essential Trade Skills
CRRD 130 Cutting and Heating Technologies
CRRD 135 Welding
CRRD 140 Fundamentals of Collision Repair
CRRD 145 Sheet Metal/Aluminum Repair
CRRD 150 Plastics and Composite Repair
CRRD 155 Surface Preparation
CRRD 160 Undercoats

Year 2

CRRD 210 Plan Work
CRRD 215 Trade Practice
CRRD 220 Topcoats
CRRD 225 Paint Problems and Repairs
CRRD 230 Pre-Delivery
CRRD 235 Mechanical Components
CRRD 240 Automotive Glass
CRRD 245 Shop Management and Estimating
CRRD 250 Collision Impact Analysis
**CRRD 255** Advanced Repair Techniques

**CRRD 260** Prepare for Employment

**Graduation Requirements**

Graduates must complete the 22 courses with a minimum passing grade of 60% in each course.

Students must achieve an average grade of no less than 70% in each year.

Graduates receive an Okanagan College Collision Repair and Refinishing Diploma.

**Motor Vehicle Trades Department**

**Automotive Service Technician**

This program is now offered as [Automotive Service Technician Foundation](#).

This seven-month (30-week) program takes students with little or no previous experience in the automotive repair trade and supplies them with the necessary skills to seek employment in this industry as an apprentice mechanic. This program exposes the students to many aspects of servicing and repair in the automotive repair trade with a focus on developing practical skills. Graduates of this program will receive 450 hours towards Automotive Service Technician Year 1 (AST 1) certification and the opportunity to write the AST 1 Certificate of Qualification exam. The AST 1 Certificate of Qualification and 1500 hours are required to proceed into AST 2.

**Admission Requirements**

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

- English 10 with minimum 50% or alternatives.

- Math requirement:

  A minimum of 50% in any of:

  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11

  Or a minimum of 63% on the ABLE mathematics Test scores are only good for two (2) years.

  Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 63%.

**Components**

- **ELMC 101A** Describe Safe Work Practices
- **ELMC 101B** Describe Safe Work Practices
- **ELMC 102A** Describe Employability Skills
- **ELMC 102B** Describe Employability Skills
- **ELMC 103A** Use Tools and Equipment
- **ELMC 103B** Use Tools and Equipment
- **ELMC 104A** Demonstrate General Automotive Maintenance
- **ELMC 104B** Demonstrate General Automotive Maintenance
- **ELMC 105A** Demonstrate General Automotive Practices
- **ELMC 105B** Demonstrate General Automotive Practices
- **ELMC 106A** Service Brakes
- **ELMC 106B** Service Brakes
- **ELMC 107A** Service Steering Systems
- **ELMC 107B** Service Steering Systems
- **ELMC 108A** Service Suspension Systems
- **ELMC 108B** Service Suspension Systems
ELMC 109A Service Electrical/Electronic Systems
ELMC 109B Service Electrical/Electronic Systems
ELMC 110A First Level Final Exam

Program Schedule: September to April and February to August (30 weeks)

Textbooks: (subject to change) $369.75 + 5% book tax - approximate

There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

Graduation Requirement

Minimum passing grade per component is 70%.

Heavy Mechanical Foundation Certificate

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 38-week (1,140 hours) program provides learners with little or no previous experience in the Heavy Duty Mechanic, Commercial Transport Mechanic, Diesel Engine Mechanic, or Transport Trailer Technician trades with the skills necessary to seek employment in the industry. Instruction in theoretical and practical components of all four trades are included, giving students the opportunity to choose to enter any of the four trades as an apprentice. The program includes a two-week industry work placement. Graduates of this program will receive an Okanagan College program certificate, Level 1 Technical Training credit and 450 work-based training hours towards one of the four trades from the Industry Training Authority.

Admission Requirements

B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

English 10 with minimum 50% or alternatives.

A minimum of 50% in one of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Essentials of Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% in the Trades Entrance Assessment (TEA) Mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

Program Outline

HMFP 101A Occupational Skills (Theory)
HMFP 101B Occupational Skills (Practicum)
HMFP 102A Brakes (Theory)
HMFP 102B Brakes (Practicum)
HMFP 103A Hydraulics (Theory)
HMFP 103B Hydraulics (Practicum)
HMFP 104A Electrical (Theory)
HMFP 104B Electrical (Practicum)
HMFP 105A Frames, Steering, Suspension and Tracks (Theory)
HMFP 105B Frames, Steering, Suspension and Tracks (Practicum)
HMFP 106A Trailer (Theory)
HMFP 106B Trailers (Practicum)
HMFP 107A Heating, Ventilation and Air Conditioning (Theory)
**Admission Requirements**

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:

  A minimum of 50% in any of:

  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11
  - Workplace Mathematics 11
  - Principles of Mathematics 11
  - Applications of Mathematics 11
  - Essentials of Mathematics 11
  - Adult Basic Education MATH 011
  - Adult Basic Education MATH 084 and MATH 085
  - Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

**Components**

- **RVST 100** Perform Safety-Related Activities
- **RVST 101** Use Tools, Equipment
- **RVST 102** Perform Common Work Practices
- **RVST 103** Service Water Systems
- **RVST 104** Service Electrical Systems
- **RVST 105** Service Liquid Petroleum (LP) Gas Systems
- **RVST 106** Service Water Heaters
- **RVST 107** Service Furnaces
- **RVST 108** Service Cooktops and Ovens
RVST 109 Service Refrigerators

RVST 110 Service Air Conditioners (A/C), Refrigeration and Heat Pumps

RVST 111 Service Chassis and Mechanical Components

RVST 112 Service Towing Systems

RVST 113 Industry Work Placement

RVST 114 Final Exam

Graduation Requirement

RVST 113 Industry Work Placement students must receive a "Pass" grade. Minimum passing grade is a GGA of seventy per cent (70%).

Automotive Service Technician Foundation

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 33-week (990 hour) program takes students with little or no previous experience in the automotive repair trade and supplies them with the necessary skills to seek employment in this industry as an apprentice technician. The courses introduce the students to many aspects of servicing and repair in the automotive repair trade with a focus on developing practical skills. Graduates of this program will receive 450 hours towards Automotive Service Technician Year 1 (AST 1) certification and the opportunity to write the AST 1 Certificate of Qualification exam. The AST 1 Certificate of Qualification and 1590 workplace hours are required to proceed into AST 2.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:
  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11
  - Apprenticeship and Workplace Mathematics Grade 11
  - Workplace Mathematics 11
  - Principles of Mathematics 11
  - Applications of Mathematics 11
  - Essentials of Mathematics 11
  - Adult Basic Education MATH 011
  - Adult Basic Education MATH 084 and MATH 085
  - Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 63%.

Program Outline

ASTF 100 Perform Safety-Related Functions

ASTF 101 Use Tools, Equipment and Documentation

ASTF 102 Use Communication and Mentoring Techniques

ASTF 103 Diagnose and Repair Driveline Systems

ASTF 104 Diagnose and Repair Electrical Systems and Components

ASTF 105 Diagnose and Repair Steering and Suspension, Tires, Wheels, Hubs and Wheel Bearings

ASTF 106 Diagnose and Repair Braking and Control Systems

ASTF 107 Diagnose and Repair Restraint Systems, Body Components, Accessories and Trim

ASTF 108 Diagnose and Repair Hybrid and Electric Vehicles (EV)

ASTF 109 Industry Work Placement

ASTF 110 Final Exam
Graduation Requirements

ASTF 109 Industry Work Placement students must receive a "Pass" grade. Minimum passing grade is a GGA of seventy percent (70%).

Automotive Service Technology Diploma

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This two-year diploma program is designed for students who wish to obtain employment in the automotive industry as an Automotive Service Technician, or seek a management role in service, sales or operations. The program begins by providing the student with the first year of apprenticeship training followed by second-year courses in advanced level automotive service and repair with a focus on industry required skills in technical writing, business practices, office skills and management. This unique program provides training in technical areas that include automotive service and repair, technical writing and communication and business practices. Upon successful completion of the technical training, students will be eligible to write the provincial Industry Training Authority standardized examinations for AST HL1 and receive 450 hours of practical work based hours towards the AST HL1 certification.

Admission Requirements

B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

- English 11 with minimum 50%
  or alternatives.

A minimum of 50% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

Relevant trades experience may be assessed for entry into this program.

Year 2 Entry:

A student who has successfully completed the Automotive Service Technician Harmonized Foundation Program within the previous five years is also eligible for admittance into the second year of this diploma program.

Program Outline

ASTD 100 Workplace Safety-Related Functions
ASTD 101 Automotive Tools and Equipment
ASTD 102 Math for Automotive Systems
ASTD 103 Automotive Information Systems
ASTD 104 Automotive Electrical Systems I
ASTD 105 Technical Communication for Automotive Systems
ASTD 106 Automotive Driveline Systems I
ASTD 107 Automotive Body Components
ASTD 108 Automotive Chassis Systems I
ASTD 109 Automotive Brake Systems I
ASTD 110 Automotive Steering and Control Systems I
ASTD 111 Automotive Suspension and Control Systems I
ASTD 112 Automotive Maintenance
ASTD 200 Automotive Business Practices I
ASTD 201 Automotive Electronic Systems I
ASTD 202 Automotive Engine Systems
ASTD 203 Automotive Brake Systems II
ASTD 204 Automotive Chassis Systems II
ASTD 205 Automotive Driveline Systems II
ASTD 206 Automotive Electrical Systems II
ASTD 207 Automotive Engine Management
ASTD 208 Automotive Electronic Systems II
ASTD 209 Automotive Diesel Engine Systems
ASTD 210 Automotive Business Practices II
ASTD 211 Technical Writing for Automotive Systems
ASTD 212 Automotive Hybrid Electric Vehicle Systems

Graduation Requirements

Graduates must complete the 26 courses with a minimum passing grade of 60% in each course. Students must achieve an average grade of no less than 70% in each year.

Construction Trades Department

Carpenter and Joiner Foundation

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

Students enrolled in the 30-week (900 hours) Carpenter and Joiner Foundation program will learn the skills required to seek employment in the trades of carpentry and joinery. They will develop the skills needed to begin working as carpentry or joinery apprentices. Graduates of this program will receive credit for Level 1 Apprenticeship technical training for both Carpentry and Joinery and may also be granted practical credit from the Industry Training Authority (ITA).

On successful registration and sponsorship into an apprenticeship program, the ITA will request that graduates choose which apprenticeship pathway they intend to pursue.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:

A minimum of 50% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Principles of Mathematics 11
- Apprenticeship and Workplace Mathematics 11
- Workplace Mathematics 11
- Applications of Mathematics 11
- Essentials of Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 63%.

Components

CJFD 101 Use Safe Work Practices
CJFD 102 Documentation and Organizational Skills
CJFD 103 Select Materials
CJFD 104 Tools and Equipment
CJFD 105 Survey Instruments and Equipment
Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:
  - A minimum of 50% in any of:
    - Pre-calculus Grade 11
    - Foundations of Mathematics Grade 11
    - Apprenticeship and Workplace Mathematics Grade 11
    - Workplace Mathematics 11
    - Principles of Mathematics 11
    - Applications of Mathematics 11
    - Essentials of Mathematics 11
    - Adult Basic Education MATH 011
    - Adult Basic Education MATH 084 and MATH 085
    - Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 63%.

Components

- CAFD 101 Use Safe Work Practices
- CAFD 102 Documentation and Organizational Skills
- CAFD 103 Tools and Equipment
- CAFD 104 Survey Instruments and Equipment
- CAFD 105 Access, Rigging and Hoisting Equipment
- CAFD 106 Site Layout
- CAFD 107 Concrete Formwork
- CAFD 108 Wood Frame Construction
- CAFD 109 Building Science
CAFD 110 Final Exam

Textbooks: $680 approximately

Tools: $250 approximately

There are a number of physical activities involved in training for a skilled trade. Please review the **physical activities of the program and the recommended student characteristics**.

Graduation Requirement

An overall average of 70% calculated on a weighted percentage, based on time allocation.

*Carpenter*

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

**Apprenticeship:** apprenticeship@okanagan.bc.ca

**Foundation and General Interest:** trades@okanagan.bc.ca

This 24-week (720 hours) program provides students with the necessary theoretical and practical knowledge to seek entry-level employment as a carpenter apprentice. The main focus on this program is in the development of practical skills. The program introduces students to many aspects of the trade including safety, trades math, material identification, use of tools and equipment, site layout, concrete forms, framing floors, walls and roofs, and interior and exterior details. Graduates of this program will receive Level 1 technical training credit and 450 work-based hours credit toward completion of the Carpenter Level I apprenticeship program from the Industry Training Authority.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:

A minimum of 50% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Essentials of Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% on the ABLE mathematics test. Test scores are only good for two (2) years. Applicants who have not satisfied the Math requirement within the last seven (7) years must write the ABLE Mathematics test and must receive a minimum of 63%.

Components

- **ELCA 101** Safe Work Practices
- **ELCA 102** Trades Mathematics
- **ELCA 103** Read/Interpret/Sketch/Draw Specifications
- **ELCA 104** Identify and Use Materials
- **ELCA 105** Use of Carpentry Tools and Equipment
- **ELCA 106** Site Layout, Build Concrete Forms
- **ELCA 107** Frame Floors, Walls and Roofs
- **ELCA 108** Interior and Exterior Details
- **ELCA 109** Carpentry First Level Final Exam

Program Schedule: start times vary (24 weeks)

Graduation Requirement

Minimum passing grade per component is 70%.

*Studio Woodworking Certificate*

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:
The Studio Woodworking Certificate Program is a 38-week (1140 hours) full-time study of woodworking from the craftsman's perspective. With a primary focus on furniture, the program will offer a range of woodworking skill sets that can be adapted to any of the many disciplines within the Cabinetmaker/Joiner trade. Inasmuch as this program's focus is 'Art' as well as 'Industry', the range of knowledge covered within this program will enable the successful student to acquire meaningful employment in a range of 'studio' or 'custom' environments with confidence, whether self-employed or working for others. Those successful students who wish to continue in a traditional apprenticeship will be granted level one apprenticeship technical training credit and 450 work-based hours in the Cabinetmaker/Joiner trade by the Industry Training Authority in B.C.

The range of topics taught includes a history of the trade, design basics, an understanding of the materials, safe work practices, hand and machine skills, and joinery techniques. They also include more advanced techniques such as design and creating curved parts, veneer, inlay, marquetry and banding. Basic Computer Numeric Control (CNC) machining will be explored. Wood finishing from simple hand rubbed to advanced spray booth techniques will be practiced. Students will also be introduced to portfolio and promotion concepts, including photography of product, and how to interact with clients. Students will design and build a final project from concept to promotion. A public exhibit at the conclusion of the program will spotlight the students' achievements and provide a showcase for their work.

**Admission Requirements**

- B.C. Secondary school graduation or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:
  - A minimum of 50% in any of:
    - Apprenticeship and Workplace Mathematics Grade 10
    - Workplace Mathematics 10
    - Foundations of Mathematics and Pre-Calculus Grade 10

The Trades Entrance Assessment (TEA) mathematics test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 50%.

**Program Outline**

- STWW 101 Safe Work Practices
- STWW 102 Organizational Skills
- STWW 103 Materials
- STWW 104 Hand Tools
- STWW 105 Portable Power Tools
- STWW 106 Woodworking Machines
- STWW 107 Assemble Products
- STWW 108 Apply a Finish
- STWW 109 Specialty Techniques
- STWW 110 Professional Presentation and Portfolio
- STWW 111 Final Exam

**Graduation Requirements**

Completion of all courses in the program with a minimum grade of 70% in each.

**Electrical Building Trades Department**

**Electrician Pre-Apprenticeship**

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca
This 24-week program provides students with little or no previous experience in the electrical trade with the necessary skills to seek employment in that industry as an apprentice electrician. The program exposes the student to aspects of residential, commercial and industrial systems in this trade with a focus on developing practical skills. The curriculum follows the B.C. Ministry of Advanced Education and Labour Market Development guidelines for the first-year in-class components of the Electrician Apprenticeship, which includes installation procedures in compliance with the Canadian Electrical Code for residential, commercial and industrial systems.

**Admission Requirements**

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 50% or alternatives.
- Math requirement:

A minimum of 67% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 85% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 85%.

**Components**

- **ELEC 101** Trades Math
- **ELEC 102** Trades Science Concepts
- **ELEC 103** Safe Work Practices
- **ELEC 104** Rigging & Hoisting Equipment
- **ELEC 105** Hand Tools
- **ELEC 106** Portable Power Tools
- **ELEC 107** Principles of Electricity
- **ELEC 108** Electrical Circuits
- **ELEC 109** Conductors & Raceways
- **ELEC 110** Test Equipment
- **ELEC 111** Controls and Lighting
- **ELEC 112** Prints & Drawings
- **ELEC 113** Canadian Electrical Code
- **ELEC 114** Solid State Devices
- **ELEC 115** Level One Technical Exam

**Location:** Kelowna and on a rotating basis in Penticton, Vernon and Salmon Arm

**Program Schedule:** February to July, February to October, August to January, and September to May (24 weeks)

**Textbooks and Supplies:** Approximately $691.75 plus 5% book tax, tool kit is approximately $415 (subject to change)

There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

**Graduation Requirements**

Passing grade is a minimum of a graded average of 70% overall.

**Mechanical Building Trades Department**

**Plumbing and Piping Trades Certificate**

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:
This 25-week (750 hour) program takes a student with little or no previous experience in the piping trades and supplies them with the necessary skills to seek employment in industry as an apprentice Plumber, Steamfitter/Pipefitter or Sprinkler System Installer. The program exposes the students to aspects of residential, commercial and industrial piping systems in these trades with a focus on developing practical skills. The curriculum follows the British Columbia Industry Training Authority guidelines for the first-year in-class components of apprenticeship training for Plumber, Steamfitter/Pipefitter and Sprinkler System Installer, which includes installation, repair and maintenance procedures in compliance with the applicable codes and standards. Upon successful completion of the program, students will receive Level 1 technical training credit toward an apprenticeship in the aforementioned three trades. This gives the successful students the opportunity to experience a number of trades without having to commit to one in particular and, upon completion, have the choice to pursue one or more career paths.

Admission Requirements

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for a minimum of one year as of the first day of classes.

- English 10 with minimum 50% or alternatives.

- Math requirement:

A minimum of 50% in any of:

  - Apprenticeship and Workplace Mathematics Grade 10
  - Workplace Mathematics 10
  - Foundations of Mathematics and Pre-Calculus Grade 10
  - Mathematics 10
  - Adult Basic Education MATH 071 and MATH 072

The Trades Entrance Assessment (TEA) Mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 50%.

Program Outline

PPTF 101 Use Safe Work Practices
PPTF 102 Use Tools and Equipment
PPTF 103 Organize Work
PPTF 104 Install and Service Piping Systems
PPTF 105 Technical Exam

Characteristics and Physical Demands

There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

Graduation Requirements

Graduates must complete the 5 courses with an overall average of 70% calculated on a weighted percentage, based on time allocation. Upon successful completion of the program, graduates will receive an OC Certificate of Completion.

Refrigeration and Air Conditioning Mechanic

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 25-week (750 hours) program is designed to take a student with little or no previous experience in the heating, air conditioning and refrigeration industry and supply the student with the necessary skills to seek employment in that industry as an apprentice. It also provides a solid foundation in the fundamentals of installing, servicing, and troubleshooting all aspects of heating, ventilating and airconditioning/refrigeration equipment.

Graduates of this program may receive credit for Level 1 apprenticeship technical training and may also be granted practical credit from the Industry Training Authority. In order to complete the apprenticeship and
become a journeyperson, graduates would return to school to complete Level 2 (seven weeks), Level 3 (ten weeks) and Level 4 (ten weeks).

The Refrigeration and Air Conditioning Mechanic Apprenticeship program consists of five years of on-the-job experience combined with four levels of in-school technical training in order to be eligible to write the Interprovincial (Red Seal) Examination through the Industry Training Authority.

Good hand/eye coordination and problem solving skills with attention to detail are desirable qualities for individuals pursuing a career in this field.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for a minimum of one year as of the first day of classes.

- English 10 with minimum 50% or alternatives.

- Math requirement:

  A minimum of 50% in any of:

  - Apprenticeship and Workplace Mathematics Grade 10
  - Workplace Mathematics 10
  - Foundations of Mathematics and Pre-Calculus Grade 10
  - Mathematics 10
  - Adult Basic Education MATH 071 and MATH 072

  The Trades Entrance Assessment (TEA) mathematics test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 50%.

Graduation Requirements

An overall average of 70% calculated on a weighted percentage, based on time allocation.

Sheet Metal Worker Foundation Certificate

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 20-week (600-hour) program provides students with little or no previous experience in the sheet metal trade with the necessary skills to seek employment in that industry as an apprentice sheet metal worker.

Upon successful completion of the program students will receive credit for Level One Technical Training and 350 work-based hours towards completion of Sheet Metal Worker apprenticeship.

The program exposes students to aspects of residential, commercial and industrial systems in this trade with a focus on developing practical skills. The curriculum follows the Industry Training Authority guidelines for the first-year in-class components of the Sheet Metal Worker Apprenticeship.

Components

- **RACM 100** Application of Trades Math for the Refrigeration Mechanic Trade
- **RACM 101** Safety Techniques
- **RACM 102** Welding and Brazing Techniques
- **RACM 103** Basic Work Skills
- **RACM 104** Application of Drafting Skills
- **RACM 105** Use of Tools
- **RACM 106** Application of Computers
- **RACM 107** Basic Electrical Concepts
- **RACM 108** Electrical Wiring Schematics
- **RACM 109** Single-Phase Motor Theory
- **RACM 110** Piping Practices
- **RACM 111** Fundamentals of Refrigeration
- **RACM 112** Refrigeration Systems Cycles
- **RACM 113** Refrigeration System Components
- **RACM 114** Final Exam
Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:
  A minimum of 50% in any of:
  - Apprenticeship and Workplace Mathematics Grade 10
  - Workplace Mathematics 10
  - Foundations of Mathematics and Pre-Calculus Grade 10
  - Mathematics 10
  - Adult Basic Education MATH 071 and MATH 072

The Trades Entrance Assessment (TEA) mathematics test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 50%.

Components

SHMT 110 Safe Work Practices
SHMT 111 Tools and Equipment
SHMT 112 Organize Work
SHMT 113 Layout and Development Patterns
SHMT 114 Fabricate Trade-Related Products
SHMT 115 Install Air Handling Systems
SHMT 116 Level One Review and Examination

Program Schedule: Start times vary (20 weeks)

Textbooks: $350 approximately

Material Fee: $240

Graduation Requirements

An overall average of 70% calculated on a weighted percentage, based on time allocation.

Welding Department

Welder Foundation Certificate

This program is now offered as Welding Foundation.

This program prepares the student for employment as a welder in industry. Students will be provided with a thorough knowledge of various metals; a variety of welding processes used in the repair and construction of metal products; a knowledge of blueprint reading, welding symbols and basic sketching; layout and assembly work; oxy-acetylene fusion welding of ferrous and nonferrous metals in all positions, braze welding of ferrous and nonferrous metals, and machine and manual cutting; shielded metal arc welding (SMAW) of plate in all positions, carbon arc cutting and gouging; basic metallurgy - properties of metals, metal identification, heat treatment and the effect of heat on metals; gas metal arc welding (GMAW); flux core arc welding (FCAW); and the operation of wire feed equipment.

Graduates from this program will receive an Industry Training Authority Certificate of Completion, technical training credit for Welder Level 1 and Level 2 and 300 work-based hours once registered as a Welder apprentice.

As welding is a physically demanding trade, students should be physically fit and have good vision, hearing and respiration.

Admission Requirements

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives
- Math requirement:
  A minimum of 50% in any of:
  - Pre-calculus Grade 11
  - Foundations of Mathematics Grade 11
  - Apprenticeship and Workplace Mathematics Grade 11
Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics test. Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

Components

- WELD 100A TH: Safety (P1)
- WELD 100B PR: Safety (P1)
- WELD 101A TH: Oxy-Fuel Cutting (P2)
- WELD 101B PR: Oxy-Fuel Cutting (P2)
- WELD 102A TH: Oxy-Acet Weld/Brazing (P3)
- WELD 102B PR: Oxy-Acet Weld/Brazing (P3)
- WELD 103A TH: Shielded Metal Arc Weld (P4)
- WELD 103B PR: Shielded Metal Arc Weld (P4)
- WELD 104A TH: Air Carbon Arc Cutting (P5)
- WELD 104B PR: Air Carbon Arc Cutting (P5)
- WELD 105A TH: Gas Metal Arc Welding (P6)
- WELD 105B PR: Gas Metal Arc Welding (P6)
- WELD 106A TH: Flux Cored Arc Welding (P6)
- WELD 106B PR: Flux Cored Arc Welding (P6)
- WELD 107 RK-1 Material Handling
- WELD 108 RK-2 Blueprint Reading I
- WELD 109 RK-3 Metallurgy I

Program Schedule: New intakes start approximately every seven weeks (28-week duration)

Location: Kelowna and on a rotating basis in Penticton, Vernon and Salmon Arm

Textbooks: Approximately $500. Students must provide their own steel-toed safety boots, welding gloves, helmet, coveralls and additional personal safety equipment. Tools are approximately $320. All prices are subject to change.

There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

Graduation Requirements

Minimum passing grade per component is 70%.

Welding Upgrading and Test Procedures

These procedures are for those presently or recently employed as welders who wish to improve their techniques, become proficient in special processes, or upgrade existing qualifications under section nine of the code for the American Society of Mechanical Engineers (ASME) and code W-47 under the Canadian Welding Bureau (CWB). Upgraders will be assessed by the Welding department chair who will recommend the length of training. Testing procedures are based on the standards established by the regulatory agencies and will be carried out by the Welding department chair.

Okanagan College is a recognized welder testing agency for the Ministry of Municipal Affairs, Boiler and Pressure Vessel Safety Branch.

Admission Requirements

- Previous welding experience
- Minimum Level "B" welding certification for ASME and PWP tests

Other Program Information

Location: Kelowna

Length: Varies with each individual depending on the time required to achieve desired goals in various welding processes.

Test Fees (effective Feb. 1, 2016):
• $500: Challenge Test Level "C", "B" or "A"
• $500: CWB Test - All positions
• $450: CWB Test - 3 positions
• $400: CWB Test - 2 positions
• $350: CWB Test - 1 position
• $500: BCP 100 Test
• $500: PWP (Pressure Welding Procedures)
• $500: Job Test for Employers
• $300: Upgrading
• $50: CWB Per plate cost

Test Fees are subject to change without notice.

How to Apply: to apply call (250) 762-5445 local 4434

Welding Level "A"

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This program is designed for registered Level "B" welders. Successful completion of Level "A" with ten months of welding experience will lead to certification as a Level "A" welder.

Admission Requirements

• Level "B" Welding certification.

Components

WELD 300A TH: Shielded Metal Arc Weld (P11)
WELD 300B PR: Shielded Metal Arc Weld (P11)
WELD 301A TH: Gas Tungsten Arc Weld (P12)
WELD 301B PR: Gas Tungsten Arc Weld (P12)
WELD 302 RK-8 Welding Metallurgy III
WELD 303 RK-9 Blueprint Reading III

Program Schedule: Various intakes throughout the year based on demand.

Location: Kelowna

Textbooks: approximately $40. Students must provide their own steel-toed safety boots, welding gloves, helmets and coveralls.

How to Apply: applicants must contact the Welding Chairperson at (250) 762-5445 ext. 4909.

Graduation Requirements

Minimum passing grade per component is 70%.

Welding Level "B"

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This program is for registered Level "C" welders. Successful completion of Level "B" with eight months of practical welding experience will lead to certification as a Level "B" welder.

Admission Requirements

• Level "C" Welding certification.

Components

WELD 200A TH: Shielded Metal Arc Weld (P7)
WELD 200B PR: Shielded Metal Arc Weld (P7)
WELD 201A TH: Gas Metal Arc Welding (P8)
WELD 201B PR: Gas Metal Arc Welding (P8)
WELD 202A TH: Fluxed Core Arc Welding (P9)
WELD 202B PR: Fluxed Core Arc Welding (P9)
WELD 203A TH: Gas Tungsten Arc Weld (P10)
WELD 203B PR: Gas Tungsten Arc Weld (P10)
WELD 204 RK-4 Weld Quality Control and Inspection Procedures
### Metal Fabricator (Fitter) Certificate

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

- **Apprenticeship**: apprenticeship@okanagan.bc.ca
- **Foundation and General**: trades@okanagan.bc.ca

This 23-week (690-hour) program provides students with the necessary theoretical and practical knowledge for employment opportunities in the metal fabricating and construction industry. Students will learn many aspects of the trade including reading drawings and layout procedures, as well as a variety of fabrication processes required to build products with steel plates and structural steel shapes including shearing, cutting, punching, drilling, forming, fitting and welding. The focus is on developing practical skills for the metal fabrication workplace.

Upon successful completion of the program students will receive Level 1 technical training credit from the Industry Training Authority and 450 work-based hours credit toward completion of the Metal Fabricator (Fitter) apprenticeship program.

### Admission Requirements

Successful completion of Welding Foundation or Welding C Certificate.

### Components

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<td>MTFB 111</td>
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</table>

### Program Schedule

- **September to February (23 weeks)**

### Location

- Kelowna

### Textbooks

- $200 approximately.
There are a number of physical activities involved in training for a skilled trade. Please review the physical activities of the program and the recommended student characteristics.

**Graduation Requirements**

Minimum passing grade per component is 70%.

**Welder Foundation**

If you have any questions about how a course or program is delivered, you can check the Trades website, email the Department Chair or email the Trades & Apprenticeship office:

Apprenticeship: apprenticeship@okanagan.bc.ca
Foundation and General Interest: trades@okanagan.bc.ca

This 28-week (840 hour) program takes students with little or no previous experience in the welding trade and supplies them with the necessary skills to seek employment in this industry as an apprentice or foundation welder. The course exposes the students to many aspects of the welding trade with a focus on developing practical skills. Graduates of this program will have technical training for level 1 & 2 and 300 work based hours and have the opportunity to write the Standardized Level Exam at the end of the course.

**Admission Requirements**

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 10 with minimum 50% or alternatives.
- Math requirement:

A minimum of 50% in any of:

- Pre-calculus Grade 11
- Foundations of Mathematics Grade 11
- Apprenticeship and Workplace Mathematics Grade 11
- Workplace Mathematics 11
- Principles of Mathematics 11
- Applications of Mathematics 11
- Essentials of Mathematics 11
- Adult Basic Education MATH 011
- Adult Basic Education MATH 084 and MATH 085
- Adult Basic Education IALG 011

Or a minimum of 63% on the Trades Entrance Assessment (TEA) mathematics Test scores are only good for two (2) years.

Applicants who have not satisfied the Math requirement within the last seven (7) years must write the TEA Mathematics test and must receive a minimum of 63%.

**Program Outline**

- **WDFD 100** Line A Occupational Skills
- **WDFD 101** Line B Cutting and Gouging Processes
- **WDFD 102** Line C Fusion and Braze Welding (TB) using the Oxy-Fuel Process
- **WDFD 103** Line D Shielded Metal Arc Welding (SMAW)
- **WDFD 104** Line E Semi-Automatic and Automatic Welding
- **WDFD 105** Line F Gas Tungsten Arc Welding (GTAW)
- **WDFD 107** Line H Basic Metallurgy
- **WDFD 108** Line I Weld Drawings, Layout and Fabrication

**Graduation Requirements**

Minimum passing grade is a GGA of seventy percent (70%)

**Trades Technology Teacher Education**

**Trades Technology Teacher Education**

This program will not be offered in 2020. The next intake is to be determined. For more information, please contact Tanya Tarlit, Program Administrator, at 250-762-5445 ext. 4424.

The Trades Technology Teacher Education (TTTE) diploma program is for individuals wishing to pursue a
career combining interest in education, skilled trades and technology.

The TTTE program covers general skilled trade applications including health and safety, tools, and shop equipment, as well as the following five trade-specific subjects: metalworking, woodworking, automotive technology, power technology, and heavy mechanical. Alongside these skilled trade applications, TTTE participants learn about electronics, drafting and design, and robotics. These areas correspond with the BC Ministry of Education's Technology Education Integrated Resource Packages (IRPs) prescribed learning outcomes.

Individuals that may be interested in this program may include:

- Anyone interested in an alternative path to becoming a K-12 teacher
- The existing school teacher wishing to instruct trades and technology courses in the K-12 system and/or pursue a secondary degree in adult education
- The Red Seal Endorsed (RSE) skilled trade person targeting a supervisory, managerial, instructional or training position
- The technology professional wanting to focus on industry education and training
- Anyone wishing to work toward their Bachelor of Education degree in Adult Education while focusing on trades and technology

The TTTE diploma program consists of a certificate or diploma option, with the diploma offered in collaboration with Brock University.

Existing teachers may take the TTTE Certificate in order to be eligible to teach trades shop and technology classes.

Red Seal tradespersons or technology professionals may take the TTTE Diploma in order to instruct adults in trades and technology.

Completion of the TTTE Diploma may also be used for credit toward admission to Brock University's three-year Bachelor of Education in Adult Education; please contact Brock University for information on this pathway: https://brocku.ca/education/programs/adult-education/

For those interested in becoming K-12 teachers, the TTTE diploma can help students meet UBCO's 16-month Bachelor of Education admission requirements. Contact UBCO for information on this pathway: http://education.ok.ubc.ca/programs/bed.html.

Okanagan College TTTE 2 year program options

The certificate consists of 31 credits from nine TTTE courses and one communications course at Okanagan College.

The diploma consists of 73 credits from nine TTTE courses, one communications course, two English courses and seven Adult Education courses from Brock University.

Admission Requirements

Regular Applicant: A regular applicant will have a B.C. senior secondary graduation or equivalent or will be currently completing grade 12.

A minimum of 60% in English 12 or alternatives.

Math Requirement

- A minimum of 60% in any of:
  - Principles of Mathematics 11
  - Applications Mathematics 11
  - Adult Basic Education Math 011
  - Foundations of Mathematics Grade 11
  - Pre-calculus Grade 11
  - Apprenticeship and Workplace Mathematics Grade 12
  - Apprenticeship Mathematics 12

A minimum grade of 60% in any Science 11 course.

Mature Applicants: Applicants who do not have senior secondary graduation may apply as a mature student provided that they are at least 19 years of age and have not attended secondary school on a full-time basis for a minimum period of one year. Mature applicants will be subject to the same academic entrance requirements that apply to regular applicants.

Program Outline

Year 1

Term 1

CMNS 103 Digital Media for Trades Educators

TTTE 125 Pedagogy of Trades I
**TTTE 119** Learning for Success

Brock Courses

**ADED 2F90 - Foundations of Adult Education**

Term 2

**ENGL 100** University Writing

**TTTE 121** Math for TTTE

**TTTE 127** Pedagogy for Trades II

Brock Courses

**ADED 2F91 - Facilitation of Adult Learning Pedagogies**

Term 3

**TTTE 210** Applied Pedagogy for Trades

Year 2

Term 4

**TTTE 112** Drafting and Design

**TTTE 213** Introduction to Electronic Technology

Brock Courses

**ADED 2F92 - Curriculum Design for Adult Learners**

**ADED 3F90 - Work and Learning in Organizations**

Term 5

**ENGL 151** Critical Writing and Reading: Short Fiction and the Novel

**TTTE 218** Making Robots

Brock Courses

**ADED 3P95 - Evaluating Learning**

**ADED 3P12 - Conflict Management: Resolutions and Relationships**

**ADED 4F90 - Research and Critical Reflection in Adult Education**

Term 6

**TTTE 230** Applied Pedagogy for Technologies

Credit for PLA (Prior Learning Assessment) may be granted for demonstrated knowledge of skills that are verifiable, current and consistent with programs and courses offered at Okanagan College. Where PLA is granted, it shall be in accordance with Okanagan College policy and procedures.

Students entering the TTTE program with a Bachelor of Education degree or other post-secondary education are encouraged to contact the Associate Dean of Trades to determine if advanced standing may be granted for TTTE 119 Learning for Success. Those students entering with advanced courses are encouraged to contact the Associate Dean of Trades to determine if advanced standing may be granted for TTTE 121 Math for TTTE.

**Graduation Requirements**

The requirement for receiving the Trades Technology Teacher Education Certificate is completion of 31 credits with a graduating grade average of 65%.

The requirement for receiving the Trades Technology Teacher Education Diploma is completion of 73 credits with a minimum grade average of 65% in the OC TTTE program courses, as well as successful completion of all applicable Brock University courses (with a 60% average).

**Trades Interprovincial Refresher Certificates**

The Interprovincial Refresher Certificate programs are designed for individuals who have previous work experience in their respective trade and would like to prepare to challenge the Interprovincial exam. Approval from the Industry Training Authority is required prior to admission to these programs. The programs provide both theoretical and hands-on experience along with an on-the-job training component.

**Automotive Service Technician Interprovincial Refresher Certificate**

This program consists of six months of instruction and a minimum of 300 hours (approximately three months) of on-the-job training and has been designed for automotive service technicians who have trained and worked internationally and wish to upgrade their skills and seek employment in the Canadian automobile service industry. Instruction will focus on subject matter relating to the profession of Automotive
Service Technician as set out by the British Columbia Industry Training Authority for all four levels of Apprenticeship. Successful graduates of this program will receive an Automotive Service Technician Interprovincial Refresher Certificate from Okanagan College and will be prepared to write the Interprovincial exam administered by the British Columbia Industry Training Authority.

Admission Requirements

- Applicants must pass an entrance exam that is administered by Okanagan College and be pre-qualified by the British Columbia Industry Training Authority to write the Interprovincial exam that will be offered at the end of the program.
- Applicants must provide written confirmation of pre-qualification from the British Columbia Industry Training Authority.

Graduation Requirements

The Automotive Service Technician Interprovincial Refresher Certificate will be granted upon successful completion of the 26 program components. Students must receive a pass in their on-the-job training component and complete the other 25 program components with a minimum passing grade of 60% in each component and an overall grade average of 70%.

Components

IPAST 101 - Workplace Safety
IPAST 102 - Employability Skills
IPAST 103 - Tools & Equipment
IPAST 104 - General Automotive Maintenance
IPAST 105 - General Automotive Repair
IPAST 106 - Electrical/Electronic Systems
IPAST 107 - Brake Systems
IPAST 108 - Steering Systems
IPAST 109 - Suspension Systems
IPAST 201 - Electrical Systems
IPAST 202 - Heating, Ventilation and Air Conditioning
IPAST 203 - Gasoline Engines
IPAST 204 - Engine Support Systems
IPAST 205 - Diesel Engine and Fuel Systems
IPAST 301 - Electrical and Electronic Systems
IPAST 302 - Fuel Delivery Systems
IPAST 303 - Electronic Ignition Systems
IPAST 304 - Engine Management Systems
IPAST 305 - Emmission Control Systems
IPAST 401 - Clutch Systems
IPAST 402 - Manual Transmissions
IPAST 403 - Automatic Transmissions
IPAST 404 - Drivelines
IPAST 405 - All-Wheel Drive and Four-Wheel Drive Systems
IPAST 406 - New Driveline Technology
IPAST 500 - On-the-Job Training

Foundational Programs

Foundational programs offer adults the opportunity to acquire skills necessary to competently and independently function in a modern society. Competencies in curriculum areas, such as life skills, mathematics, and communication skills including speaking, reading, writing, and listening are provided, in addition to pre-vocational and academic training.

Regularly scheduled programs are offered by the departments of Adult Academic and Career Preparation (AACP) and Adult Special Education (ASE). Programs are offered at several centres including Kalamalka (Vernon), Kelowna, Penticton, Salmon Arm and Revelstoke. Programs are occasionally offered in Armstrong, Oliver/Osoyoos, and Summerland.

English Language programs are available to domestic and International students.

English Language Programs

These programs help students whose first language is not English. They provide the language skills for academic, vocational or personal needs. While the whole-language approach integrates listening, speaking, reading and writing, emphasis on a particular skill and actual content may vary according to the particular goals of the student. The following programs are offered.

Not all centres offer all courses and courses may vary each semester.

Part-Time English Language Development Program

This program is not offered every year.

Directed Studies in ESL (Oliver, Penticton, Kelowna, Vernon, Salmon Arm and other centres according to demand)

This course is not offered every year. Students will work with an instructor to set personal language-learning goals. Study plans will be prepared and materials will be provided for students to achieve their
objectives. Studies may emphasize work in any or all of the areas of listening, speaking, reading and writing. Goals and programs of study may focus on:

- general English for participation in the Canadian community;
- English for employment and the workplace;
- English for career development or advancement;
- English language preparation for further training or education;
- and other focuses that match the learner’s goals and the program’s resources.

**Prerequisite:** Applicants studying in Canada under an international student visa are permitted to enrol in this program only if space permits.

**Starting Dates:** monthly as space permits.

**ESLD 020 Directed Studies in ESL**

**English Language Certificate**

Okanagan College offers English language students an opportunity to improve their general English skills. The English Language Certificate (ELC) is a four level program. The goal of this program is to develop general language skills in listening, speaking, reading and writing.

Full time students take 20 hours of classes per week. There are classes for listening and speaking (ELLS) 10 hours per week, reading and writing (ELRW) 10 hours per week, reading (ELR) 5 hours per week, and writing (ELW) 5 hours per week.

**Admission Requirements**

The department will place students depending on one of the following test scores: OCELA, IELTS, TOEFL, or Duolingo. Students who score lower than EL Level 1 may begin the English Language Certificate at Semester One.

Students will place at EL level 1 with an overall placement at Level 1 OCELA, or an overall IELTS less than 3.5, or a Duolingo score of less than 45.

Students will place at EL level 2 with an overall placement at Level 2 OCELA, or an overall IELTS 3.5, or a Duolingo score of 45-50.

Students will place at EL level 3 with an overall placement at Level 3 OCELA, or an overall IELTS 4.0, or a Duolingo score of 55-60.

Students will place at EL level 4 with an overall placement at Level 4 OCELA, or an overall IELTS 4.5, or a Duolingo score of 65-70, or a TOEFL IBT score of 52-59.

**Program Outline**

**Semester 1**

- **ELL 010** English Language Listening and Speaking Level 1
- **ELRW 010** English Language Reading and Writing Level 1

**Semester 2**

- **ELL 020** English Language Listening and Speaking Level 2
- **ELRW 020** English Language Reading and Writing 2
- **ELR 020** English Language Reading Level 2
- **ELW 020** English Language Writing Level 2

**Semester 3**

- **ELL 030** English Language Listening and Speaking Level 3
- **ELRW 030** English Language Reading and Writing 3
- **ELR 030** English Language Reading Level 3
- **ELW 030** English Language Writing Level 3

**Semester 4**

- **ELL 040** English Language Listening and Speaking Level 4
- **ELRW 040** English Language Reading and Writing 4
- **ELR 040** English Language Reading Level 4
- **ELW 040** English Language Writing Level 4

**Graduation Requirements**

Minimum grade of 65% in ELRW 040 or ELW 040 and ELR 040, and ELL 040.

This level of achievement is necessary for entrance into the English for Academic Purposes (EAP) Certificate program.
English for Academic Purposes Certificate

Okanagan College offers students an opportunity to improve their English for college and university. The English for Academic Purposes Program (EAP) is a three-level program whose goal is to prepare students for academic studies.

Each level of the Certificate has four courses: English for Academic Purposes Discussion (EAPD), English for Academic Purposes Reading (EAPR), English for Academic Purposes Writing (EAPW), and English for Academic Purposes Scholarship (EAPS) which is a combined EAPR and EAPW course. EAPD is 10 hours per week, EAPR is 5 hours per week, EAPW is 5 hours per week and EAPS is 10 hours per week.

In addition to their EAP Certificate courses, students at EAP level 2 may take one academic course and at EAP level 3 up to two academic courses provided students meet course prerequisites. The addition of academic courses must be approved by the academic course instructor and appropriate academic dean. Successful completion of EAPD 030, EAPR 030, and EAPW 030 meets the English 12 requirement for many Okanagan College programs.

Admission Requirements

- All general age and study permit prerequisites apply - see Admissions and Important Information for International Applicants.

The department will place new students depending on one of the following test scores: OCELA, IELTS, TOEFL, or Duolingo.

Students are not normally permitted to take the OCELA more than once during a 12-month period.

Students will place at EAP level 1 with an overall placement at Level 5 OCELA, an overall IELTS 5.0, a minimum TOEFL iBT score of 60, a Duolingo score of 75-80, or completion of the EL Certificate with a minimum grade of 65% in ELLS 040, ELR 040, and ELW 040 or 65% in ELLS 040 and ELRW 040.

Students will place at EAP level 2 with an overall placement at Level 6 OCELA, or an overall IELTS 5.5, a TOEFL iBT score of 71-78, or a Duolingo score of 85-90.

Students will place at EAP level 3 with an overall placement at Level 7 OCELA, or an overall IELTS 6.0, a TOEFL iBT score of >78, or a Duolingo score of 95-100.

Program Outline

Semester 1
EAPD 010 Academic Discussion Skills 1
EAPS 010 English for Academic Purposes Scholarship 1
EAPR 010 Academic Reading Skills 1
EAPW 010 Academic Writing Skills 1

Semester 2
EAPD 020 Academic Discussion Skills 2
EAPS 020 English for Academic Purposes Scholarship 2
EAPR 020 Academic Reading Skills 2
EAPW 020 Academic Writing Skills 2

Semester 3
EAPD 030 Academic Discussion Skills 3
EAPS 030 English for Academic Purposes Scholarship 3
EAPR 030 Academic Reading Skills 3
EAPW 030 Academic Writing Skills 3

Graduation Requirements

Successful completion of EAPS 030 or EAPW 030 and EAPR 030, and ELLS 030 with a minimum grade of 65% in each course.

English for Specific Purposes

Okanagan College offers students an opportunity to improve their English while focusing on a specific subject area. The areas of focus come from requests from institutions or groups.

Specific purposes for ESL include English for the workplace, English for tourism, English for business, English for academic placement such as IELTS or TOEFL, and English for educators.
English for Specific Purposes (ESP) courses are for international institutions, businesses and government agencies and also for Canadian or Canadian immigrant groups. The length of the course varies with the specific need of each group.

ESP courses are available for both professionals and non-professionals alike.

Course length, course schedule, and field work meet the request of the group.

Please contact the ESL department, ESLChair@okanagan.bc.ca or International Education, inted@okanagan.bc.ca for further details.

**Admission Requirements**

An agreement between the client group and Okanagan College will be signed before offering the specific course.

**Program Outline**

One or more of:

- **ESP 010**
- **ESP 040**
- **ESP 080**
- **ESLD 020** Directed Studies in ESL

**Graduation Requirements**

Successful completion of the specific course requirements which vary according to the contract.

**Adult Upgrading**

The Adult Upgrading (AU) department offers courses for adult learners with a wide range of backgrounds and needs for educational upgrading. Courses provide students with basic literacy skills, prerequisites for admission to post-secondary programs, and requirements for the B.C. Adult Graduation Diploma. Support services are available for students with disabilities.

**Admission Requirements**

- Age Requirement: Applicants must: be at least 19 years of age, or 18 years of age and have been out of the public school system for at least 12 months, or have a senior secondary graduation diploma.
- All students entering any Fundamental Level English or Basic Literacy course for the first time are required to complete an individual admission interview with a Fundamental Level English instructor as a prerequisite. Prospective students should contact the Fundamental Level English instructor or the Volunteer Literacy Tutoring Program Coordinator at the receiving Okanagan College campus to arrange an admission interview before registration.
- Any applicant not meeting these requirements must be recommended for admission by a secondary school principal or counsellor and be referred to the Adult Upgrading Underage Committee of the campus which the applicant wishes to attend. The Committee will interview the applicant who will be admitted only if recommended by the Committee and space is available.

While no specific academic background is required, students entering some Adult Upgrading courses may be required to complete a skills assessment if they do not meet specific course prerequisites.

**AU Mathematics Courses:**

Students must have completed the prerequisites within the five years prior to the start date of the AACP mathematics course in which they wish to register. Any student not meeting this requirement will be required to write a mathematics skills assessment to determine their Math Skills Indicator (MSI) level. The MSI level is determined by a score on the Adult Basic Learning Examination (ABLE), the Penticton Adult Upgrading Mathematics Skills Assessment, or the Basic Algebra Skills Test.

**AU English and Science Courses:**

Students must have completed prerequisites for science courses within the five years prior to the start date for the AU science course in which they wish to register. Students may gain admission to the AU English courses and science courses with an English competency requirement based on a score on the Adult Basic Learning Examination (ABLE) and writing assessment. Interviews may also be conducted to help determine the appropriate level.
**Hours of Study:** Both day and evening classes may be offered, Monday through Friday. Adult Academic and Career Preparation full-time students are those enrolled in three or more courses, or receiving 15 hours or more of instruction per week, or enrolled in a two-month Spring or Summer semester course requiring 96 hours or more of instruction.

**Course Advising:** Before registration, prospective students are encouraged to discuss course and program plans with an advisor or instructor from the department. Appointments for course advising can be made by contacting the Advising office at each OC campus.

**Semester Length:** Semesters vary from four to five months, depending on centre. Summer semesters are two months.

**Semester Start Dates:**

**Kelowna**
September, January, May and July

**Penticton, Salmon Arm and Revelstoke**
September and January

**Vernon**
September, January and May

**Adult Basic Education (ABE) Program**

The AACP department offers four Adult Basic Education certificate programs:

**Fundamental Level Certificate**

This level is for students wishing to improve their basic skills or to prepare for the Intermediate Level program.

**Intermediate Level Certificate**

This level prepares students for the Advanced Level program or for entry into post-secondary programs that have an admission requirement of Grade 10 or equivalent.

**Advanced Level Certificate**

This level prepares students for the Provincial Level and, with completion of English 012, for entry into many post-secondary programs that have an admission requirement of Grade 12 or equivalent.

**Provincial Level Diploma**

This is the highest level of the Adult Basic Education program and requires rigorous study. The Provincial Level prepares students for admission to post-secondary programs. The student who completes this level is eligible for a British Columbia Adult Graduation Diploma. Students should consult an Educational Advisor and carefully select their courses if they plan further study at the post-secondary level.

**Adult Basic Education (ABE) Program Outline**

**Fundamental Level Certificate:**

Level A:

Two subjects required:

ENGL 050

or ENGL 051

/ENGL 052

MATH 051

/MATH 052

Level B:

Two subjects required:

ENGL 060

or ENGL 061

/ENGL 062

MATH 061

/MATH 062

ENGL: English

MATH: Mathematics

**Intermediate Level Certificate:**

Four subjects required:

ENGL 070

or ENGL 071
/ENGL 072
MATH 071
/MATH 072 or MATH 071
/MATH 073
Plus two (2) of the following: or MATH 084
/COST 070
/EDCP 070 or EDCP 071
/EDCP 072
/EDCP 073
/EDCP 074
/EDCP 075
/EDCP 076
/EDCP 077
SCIE 070
SOST 070
or MATH 072
MATH 074
MATH 075

Advanced Level Certificate:

Four subjects required:

/ENGL 080
/ENGL 081
/ENGL 082

plus one from List A, a minimum of one and a maximum of two from List B, and (if needed) a maximum of one from List C:

List A:

/IALG 011
/MATH 084
/MATH 085
/MATH 087
/MATH 011
/BIOL 011
/Chem 011
/COST 011
/SCIE 080
/PHYS 011
/COMP 011
/EDCP 080
/EDCP 081

List B:

/BIOL 011
/CHEM 011
/COST 011
/PHYS 011

List C:

/COMP 011
/SOST 011
/EDCP 080
/EDCP 084
/EDCP 085

BIOL: Biology
COMP: Composition
COST: Computer Studies
CHEM: Chemistry
EDCP: Education and Career Planning
ENGL: English
IALG: Introductory Algebra
MATH: Mathematics
PHYS: Physics
SCIE: General Science
SOST: Social Studies

**Adult Graduation Diploma:**

Five subjects required:
Advanced Level Mathematics or Higher

- **ENGL 012**

Plus three (3) courses from the following:

- **BIOL 012**
- **CHEM 012**
- **COSC 012**
- **COST 012**
- **ECON 012**
- **GEOG 012**
- **HIST 012**
- **LAW 012**
- **MATH 012**
- **PHYS 012**
- **SOST 011**

**Transfer Credit for Adult Basic Education Courses**

The following transfer credit guidelines from the B.C. Ministry of Advanced Education apply toward an Adult Basic Education certificate or diploma.

**Fundamental Certificate:** At the Fundamental Level, transfer credit will not be given for work completed in the public school system. Transfer credit may be given for courses at the Fundamental level with a 50% grade or better from British Columbia colleges.

**Intermediate Certificate:** Transfer credit may be given for previous study for up to two courses, with a 50% grade or better, at the Intermediate or Grade 10 level or higher.

**Advanced Certificate:** Transfer credit may be given for previous study for up to two courses, with a 50% grade or better, at the Advanced or Grade 11 level or higher.

**Adult Graduation Diploma:** Transfer credit may be given for previous study for courses, with a 50% grade or better in each course, at the Provincial or Grade 12 level or higher.

In addition to the courses listed, transfer credit may be approved for courses chosen from (but not limited to) such programs as entry-level occupational trades training; business administration; office administration; university courses; education and career planning; visual, graphic and performing arts; and appropriate Continuing Studies certificate programs.

**Adult Upgrading Correspondence Courses**

Okanagan College does not currently offer Adult Upgrading (AU) Distance Education courses. If you are interested in correspondence, one provider in our area that you can contact is the South Central Interior Distance Education School (see below).

South Central Interior Distance Education School
PO Box 4700,
Adult Special Education

Okanagan College offers certificate programs for adults with special learning needs (personal and social development underlie all aspects of these programs). Two semesters, approximately five months long, are offered each year. Programs are currently offered at the Salmon Arm, Vernon, Kelowna and Penticton centres. Offerings vary from centre to centre as student demand warrants and resources permit.

Courses are scheduled from Monday to Friday, between 8:30 am and 4:30 pm.

Application Procedures: To apply or to receive further information contact the Adult Special Education instructor at any Okanagan College centre.

Admission Requirements

Age Requirement

- Applicants must be at least 19 years of age, or be at least 18 years of age and have been out of the secondary school system for at least 12 months, or have a school leaving certificate.

- Any applicant not meeting the age requirements must be recommended for admission by a secondary school principal or counsellor and be interviewed by the ASE instructor at the campus which the applicant wishes to attend.

- The recommendation and interview information will be referred to the ASE underage committee. The applicant will be admitted only if recommended by the committee and space is available.

- In cases of underage admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract.

Students must participate in an intake interview with the instructor. The instructor will determine eligibility based on the following criteria. All students must:

- Have the ability to learn and participate in a group setting, and

- Be emotionally stable - have no behavioural or emotional problems that would significantly interfere with the learning or safety of self or others, and

- Have an identified cognitive disability.

Evidence of the above requirements must include at least two of the following (students must provide documentation at their own effort and expense):

- Psycho-educational assessment

- Records of previous participation in special or supported programs in a public institution or school

- Educationally specific documentation from a physician or medical specialist

- Referral from Community Living BC

- Recommendation from an instructor in Adult Academic and Career Preparation, another college, or senior secondary school

Students who lack appropriate documentation may be admitted conditionally on the recommendation of the instructor with the approval of the department chair. In cases of conditional admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract. A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract. Each of the three Independent Living Skills Certificate Programs have specific reading requirements. The PACE and SAME programs have additional requirements.

Basic Skills Certificate - A (BSCA) Program

The Basic Skills Certificate- A (BSCA) Program supports students in an individualized course of study to achieve their educational and personal development goals. This program is for students who wish to develop academic and independent living
skills. Program content includes courses which focus on basic literacy and math skills, interpersonal and self-management skills, creativity and self-expression, workplace awareness, and skills for increasing independence. Students will have a maximum of four years to complete the program (under special circumstances and with permission of the Dean this maximum may be increased).

Courses are scheduled from Monday to Friday, between 8:30 a.m. and 3 p.m.

Admission Requirements

Age Requirement: Applicants must be at least 19 years of age, or be at least 18 years of age and have been out of the public school system for at least 12 months, or have a school-leaving certificate. Any applicant not meeting the age requirements must be recommended for admission by a secondary school principal or counselor and be interviewed by the ASE Admissions Committee. The recommendation and interview information of the underage applicant will be referred to the Dean. The applicant will be admitted only if approved by the Dean and space is available. In cases of underage admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract.

General Requirements: All students must participate in an intake interview with the ASE Admissions Committee.

All students must:

Complete a Level One reading assessment demonstrating recognition of the alphabet, a sight vocabulary of at least 25 words, and the ability to read pre-primer material at the level of instruction according to the Silvaroli Classroom Reading Inventory or demonstrate mature listening capacity and ability to communicate ideas by listening to a Level One story from the Silvaroli Classroom Reading Inventory and responding to comprehension questions at the level of instruction.

- Demonstrate the ability to learn and participate in a group setting
- Demonstrate emotional stability- have no behavioural or emotional problems that would significantly interfere with the learning or safety of self or others
- Demonstrate a commitment to learning
- Demonstrate an identified cognitive disability

Eligibility for admission is based on evidence of the above requirements being demonstrated in the assessment interview and must include at least two of the following (students must provide documentation at their own effort and expense):

- Psycho-educational assessment
- Records of previous participation in special or supported programs in a public institution or school (ex: IEP or school transcript)
- Documentation of disability from a physician or medical specialist
- Referral from Community Living BC (CLBC)
- Recommendation from an instructor in the Okanagan College Adult Upgrading Department, another college, or high school
- Referral from a community agency

Special Circumstances: Students who lack appropriate documentation may be admitted conditionally on the recommendation of the instructor with the approval of the Department Chair. In cases of conditional admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract.

A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract.

Program Outline

Students will be supported to achieve their educational and personal development goals. Courses within the BSCA Program are not in a required sequence. Courses will be offered in a variety of combinations at each centre. Students will be able to enter at any point and will graduate when they have completed the required combination of courses. ASE courses are skills-based and are adjusted to meet individual student need. Course work begins at each student’s level of competency. Skills aimed at and achieved will vary according to the needs, goals, and abilities of the students. To continue skills development, and to complete the BSCA program, students are required to take core courses more than once. Each course of study will take two to four years to complete unless there are special circumstances and approval of the department to extend the program time. Students may attend full-time (three courses per semester) or part-time. On approval from the department, students may add one
additional course per semester. Individual, stand-alone courses will still be available.

Special Circumstances: Under special circumstances students will be allowed to take longer than four years to complete their program. Circumstances may include:

- Lengthy illness - supported by medical documentation
- Disability-related barriers (mobility/strength/ability to sustain work focus) which necessitate a slower pace
- Lack of necessary disability-related support (Individualized Support Worker and/or equipment) which causes a break in attendance.
- Lack of available courses at the centre

BSCA students must complete (courses are taken more than once):

- Two semesters of LSIN 010 Literacy - English 1
- Two semesters of LSIN 010A Numeracy - Mathematics 1
- One semester of LSIN 020 Human Relations
- One semester of LSIN 017 Literacy - Workplace Awareness 1

The remaining six courses will be an individualized combination of:

LSIN 010 Literacy - English 1
LSIN 010A Numeracy - Mathematics 1
LSIN 020 Human Relations
LSIN 017 Literacy - Workplace Awareness 1
LSIN 015 Express Yourself
LSIN 022 Rights and Responsibilities
LSIN 023 Health and Safety
LSIN 027 Social Communication
LSIN 029 Consumer Awareness

LSIN 030 Cooking

The following four Level 2 courses listed below may be offered as electives with permission of the ASE Department:

LSIN 012 Basic Computer Skills
LSIN 034 Banking and Budgeting
LSIN 036 General Science
LSIN 037 History of People with Intellectual Disabilities in BC

Optional Electives:

Students may choose to take up to four additional electives with permission of the department if:

- There is space. Priority will be given to students who require the course to complete their program.
- The course content is appropriate for the student at this stage of their learning.
- The course load is reasonable for this student given their circumstances and disability/abilities and will not cause overload/burnout.
- Addition of this course does not make contact hours exceed 20 hours per week.

Graduation Requirements

Completion of 6 core courses and 6 elective courses (12 courses in total). Courses must be completed within a maximum of four years unless there are special circumstances, upon recommendation of the department, and approval of the Dean. Students must achieve a minimum passing grade of 50% in each course with an overall average of 70%.

Basic Skills Certificate - B (BSCB) Program

The Basic Skills Certificate-B (BSCB) Program supports students to achieve their educational and personal development goals. This program is for students who wish to develop academic and independent living skills. Program content includes courses which focus on literacy and math skills, interpersonal and self-management skills, creativity and self-expression, workplace awareness, and skills for increasing independence. Students will have a maximum of four years to complete the program.
Admission Requirements

Age Requirement: Applicants must be at least 19 years of age, or be at least 18 years of age and have been out of the public school system for at least 12 months, or have a school-leaving certificate. Any applicant not meeting the age requirements must be recommended for admission by a secondary school principal or counselor and be interviewed by the ASE Admissions Committee. The recommendation and interview information of the underage applicant will be referred to the Dean. The applicant will be admitted only if approved by the Dean and space is available. In cases of underage admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract.

General Requirements: All students must participate in an intake interview with the ASE Admissions Committee.

All students must:

Complete a Level Two reading assessment with 90% or better in accuracy and 75% or better in comprehension. To enter directly into Level Three courses students must complete the Level Three reading assessment (Intermediate One Reading Tasks) with 90% or better in accuracy and 75% or better in comprehension.

- Demonstrate the ability to learn and participate in a group setting
- Demonstrate emotional stability - have no behavioural or emotional problems that would significantly interfere with the learning or safety of self or others
- Demonstrate a commitment to learning
- Demonstrate an identified cognitive disability

Eligibility for admission will be based on evidence of the above requirements being demonstrated in the assessment interview and must include at least two of the following (students must provide documentation at their own effort and expense):

- Psycho-educational assessment
- Records of previous participation in special or supported programs in a public institution or school (ex: IEP or school transcript)
- Documentation of disability from a physician or medical specialist
- Referral from Community Living BC (CLBC)
- Recommendation from an instructor in the Okanagan College Adult Upgrading Department, another college, or high school
- Referral from a community agency

Special Circumstances: Students who lack appropriate documentation may be admitted conditionally on the recommendation of the instructor with the approval of the Department Chair. In cases of conditional admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards outlined in an individual performance contract.

A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract.

Program Outline

Students are required to complete 10 core courses and 2 electives (12 courses in total). Courses within the BSCB Program are not in a required sequence. Courses will be offered in a variety of combinations and a variety of lengths at each centre. Eligible students will be able to enter at the beginning of any semester if space is available. ASE courses are skills based and adjusted to meet individual student need. Course work begins at each student’s level of competency. Skills aimed at and achieved will vary according to the needs, goals, and abilities of the students. To continue skills development, and to complete the BSCB program, students are required to take core courses more than once.

Students may attend full-time (three courses per semester) or part-time in order to accommodate the needs of students for whom part-time participation is most appropriate. Individual, stand-alone courses will still be available. Students will have a maximum of four years to complete the program (except under special circumstances, upon recommendation of the department and with permission of the Dean).

Special Circumstances: Under special circumstances students will be allowed to take longer than four years to complete their program. Circumstances may include:
• Lengthy illness - supported by medical documentation
• Disability-related barriers (mobility/strength/ability to sustain work focus) which necessitate a slower pace
• Lack of necessary disability-related support (individualized Support Worker and/or equipment) which causes a break in attendance
• Lack of available courses at the centre

BSCB students must complete: (courses are taken more than once)

• Three semesters of LSIN 011B Literacy - English 2 and/or LSIN 013 Literacy - English 3. One Literacy course may be replaced by LSIN 016 Writing Your Life
• Four semesters of LSIN 010A Numeracy - Mathematics 1 or LSIN 011A Numeracy - Mathematics 2. Up to two semesters of Mathematics may be replaced by two semesters of LSIN 034 Banking and Budgeting
• Two semesters of LSIN 020 Human Relations
• One semester of LSIN 018 Literacy-Workplace Awareness 2 or LSIN 019 Literacy-Workplace Awareness 3

The remaining two courses will be Electives offered from the following list:

• LSIN 012 Basic Computer Skills
• LSIN 015 Express Yourself
• LSIN 016 Writing Your Life
• LSIN 022 Rights and Responsibilities
• LSIN 023 Health and Safety
• LSIN 027 Social Communication
• LSIN 029 Consumer Awareness
• LSIN 030 Cooking
• LSIN 034 Banking and Budgeting
• LSIN 036 General Science
• LSIN 037 History of People with Disabilities in BC

LSIN 016 Writing Your Life and LSIN 034 Banking and Budgeting may be counted more than once as Electives.

Optional Electives:

Students may choose to take up to four additional optional electives with permission of the department if:

• There is space. Priority will be given to students who require the course to complete their program.
• The course content is appropriate for the student at this stage of their learning.
• The course load is reasonable for this student given their circumstances and disability/abilities and will not cause overload/burnout.
• Addition of this course does not make contact hours exceed 24 hours per week.

Core Courses

- **LSIN 011B** Literacy - English 2
- **LSIN 013** Literacy - English 3
- **LSIN 018** Literacy - Workplace Awareness 2
- **LSIN 019** Literacy - Workplace Awareness 3
- **LSIN 010A** Numeracy - Mathematics 1
- **LSIN 011A** Numeracy - Mathematics 2
- **LSIN 020** Human Relations
- **LSIN 016** Writing Your Life
- **LSIN 034** Banking and Budgeting

Electives

- **LSIN 012** Basic Computer Skills
- **LSIN 015** Express Yourself
- **LSIN 022** Rights and Responsibilities
- **LSIN 023** Health and Safety
- **LSIN 027** Social Communication
- **LSIN 029** Consumer Awareness
- **LSIN 030** Cooking
- **LSIN 036** General Science
- **LSIN 037** History of People with Intellectual Disabilities in BC
Graduation Requirements

Completion of 10 core courses and 2 elective courses (12 courses in total). Courses must be completed within a maximum of four years unless there are special circumstances, upon recommendation of the department and approval of the Dean. Students must achieve a minimum passing grade of 50% in each course with an overall average of 70%. Graduating or past PACE students may use the following 6 LSPM courses as replacements for the following 6 BSCB courses where up to 2 BSCB courses are still required to graduate from the BSCB Program.

<table>
<thead>
<tr>
<th>BSCB Course</th>
<th>PACE Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 of Literacy Workplace Awareness 2 or 3</td>
<td>LSPM 005 Career Exploration</td>
</tr>
<tr>
<td>2 Human Relations</td>
<td>LSPM 003 Workplace Int. Skills A or LSPM 004 Workplace Int. Skills B</td>
</tr>
<tr>
<td>1 of Literacy - English 2 or 3</td>
<td>LSPM 001 Strategies for Success A</td>
</tr>
<tr>
<td>Two Electives</td>
<td>LSPM 022 Strategies for Success B and LSPM 007 Working World A or LSPM 008 Working World B</td>
</tr>
</tbody>
</table>

Advanced Skills Certificate (ASC) Program

The Advanced Skills Certificate (ASC) Program supports students who have completed the Basic Skills Certificate- B (BSCB) Program, have demonstrated continued growth in their learning and wish to continue their post-secondary education. ASC students are expected to demonstrate maturity, independence, and personal responsibility as learners and members of the Okanagan College community.

In the ASC Program, course work continues to focus on literacy and math skills, self-management and interpersonal skills, creativity and self-expression, workplace awareness, and skills for increasing independence. Students will have a maximum of three years to complete the program (under special circumstances, recommendation of the department and with the permission of the Dean this maximum may increase).

Courses are scheduled from Monday to Friday, between 8:30 a.m. and 3 p.m.

Admission Requirements

Successful completion of the BSCB Certificate.

Eligible students must have the recommendation of the department based on previous student demonstration of continued academic growth and maturity.

Program Outline

Students are required to complete 12 courses, 9 of which are core courses and 3 of which are electives. Courses within the ASC program are not in a required sequence. Courses will be offered in a variety of combinations and a variety of lengths at different centres. Eligible students will be able to enter at the beginning of any semester if space is available.

ASE courses are skills based and are adjusted to meet individual student need. Course work begins at each student’s level of competency. Skills aimed at and achieved will vary according to the needs, goals, and abilities of the students. To continue skills development, and to complete the ASC program, students are required to take core courses more than once.

Students may attend full-time (three courses per semester) or part-time in order to accommodate the needs of students for whom part-time participation is most appropriate. Students will have a maximum of three years to complete the ASC Program. Under special circumstances, recommendation of the department and with permission of the Dean, students will be allowed to take longer than three years to complete their program.

Circumstances may include:

- Lengthy illness - supported by medical documentation
- Lack of available courses

Special Circumstances:
Students who lack appropriate documentation may be admitted conditionally on the recommendation of the instructor with permission of the Department Chair.

In cases of conditional admission, continued registration and attendance is dependent on the achievement of specific educational and behavioural standards as outlined in an individual performance contract.

A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract.

ASC Students must complete: (courses are taken more than once)

- Three semesters of any combination of LSIN 011B Literacy - English 2 LSIN 013 Literacy - English 3 LSIN 016 Writing Your Life LSIN 018 Literacy - Workplace Awareness 2 LSIN 019 Literacy - Workplace Awareness 3
- One semester of either LSIN 018 Literacy - Workplace Awareness 2 or LSIN 019 Literacy - Workplace Awareness 3

Up to 2 semesters of Mathematics 2 may be replaced by two semesters of LSIN 034 Banking and Budgeting.

- One semester of LSIN 020 Human Relations
- Three required electives

Additional courses of LSIN 016 Writing you Life and LSIN 032 Banking and Budgeting May be counted as two of the required electives.

Optional Electives:

Additional electives will be available at some campuses. Students may choose up to four additional electives on permission of the department if:

- There is space. Priority will be given to students who require this course to complete their program. The course content is appropriate for the student at this stage of learning.
- The course load is reasonable for this student given their circumstances and disability/abilities and will not cause overload/burnout.

- Addition of this course does not make contact hours exceed 24 hours per week.

ASC Students must complete:

Core courses:
- LSIN 011B Literacy - English 2
- LSIN 013 Literacy - English 3
- LSIN 018 Literacy - Workplace Awareness 2
- LSIN 019 Literacy - Workplace Awareness 3
- LSIN 011A Numeracy - Mathematics 2
- LSIN 020 Human Relations

Core or electives:
- LSIN 016 Writing Your Life
- LSIN 034 Banking and Budgeting

Electives
- LSIN 012 Basic Computer Skills
- LSIN 015 Express Yourself
- LSIN 022 Rights and Responsibilities
- LSIN 023 Health and Safety
- LSIN 027 Social Communication
- LSIN 029 Consumer Awareness
- LSIN 030 Cooking
- LSIN 036 General Science
- LSIN 037 History of People with Intellectual Disabilities in BC

Optional Electives

Additional electives will be available at some centres. Students may choose to take up to four optional electives on permission of the department. The department will consider the following:

- If there is space, priority will be given to students who require this course to complete their program.
• If the course content is appropriate for the student at this stage of their learning.

• If the course load is reasonable for this student given their circumstances and disability/abilities and will not cause overload/burnout.

• If addition of this course does not make contact hours exceed 24 hours per week.

**PACE Students**

Completion of 9 core courses and 3 electives (12 courses in total). Courses must be completed within a maximum of three years unless there are special circumstances, recommendation of the department and approval of the Dean. Students must achieve a minimum passing grade of 60% in each course with an overall average of 75%.

**Graduation Requirements**

Completion of nine core courses and three electives (12 courses). Courses must be completed within a maximum of two years unless there are special circumstances and approval of the department. Students must achieve a minimum passing grade of 60% in each course with an overall minimum average of 75%.

**Note to Students:**

Students must apply for admission to the ASC (Advanced Skills Certificate) Program before the beginning to their final semester of BSCB. Students have a maximum of three years to complete the ASC Program.

**ASC Course**

One of Literacy Workplace Awareness II or III

Two Human Relations courses

One of Literacy English II or III

Two Electives

<table>
<thead>
<tr>
<th>ASC Course</th>
<th>PACE Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of Literacy Workplace Awareness II or III</td>
<td>LSPM Career Exploration</td>
</tr>
<tr>
<td>Two Human Relations courses</td>
<td>LSPM 003 Workplace Interpersonal Skills A and LSPM 004 Workplace Interpersonal Skills B</td>
</tr>
<tr>
<td>One of Literacy English II or III</td>
<td>LSPM 001 Strategies for Success A</td>
</tr>
<tr>
<td>Two Electives</td>
<td>LSPM 022 Strategies for Success B and LSPM 007 Working World A or LSPM 008 Working World B</td>
</tr>
</tbody>
</table>

**Note to Students:**

Students must apply for admission to the ASC (Advanced Skills Certificate) Program before the beginning to their final semester of BSCB. Students have a maximum of three years to complete the ASC Program.

**Graduation Requirements**

Completion of nine core courses and three electives (12 courses). Courses must be completed within a maximum of two years unless there are special circumstances and approval of the department. Students must achieve a minimum passing grade of 60% in each course with an overall minimum average of 75%.

**PACE (Preparing for Access to Careers and Education)**

This certificate program supports students to achieve their own educational, vocational, and personal development goals. The educational focus is on developing student success skills and, if appropriate, choosing a modified and supported specialty within the SAME Program (Supported Access to Modified Education). The vocational focus is on career awareness and the development of appropriate workplace attitudes, values, and behaviours. All students benefit in a personal development sense through participation in course work which develops communication, assertiveness, stress management, and conflict resolution skills. Students will also participate in career exploration and work experience in the community. The program is offered in one or two years.

Successful completion of this program will prepare students for:

• The SAME program, and inclusive, modified form of a regular Okanagan College program, or

• Competitive entry-level employment, or

• Supported employment

**Admission Requirements:**

**Age Requirement:** Applicants must be at least 19 years of age, or be at least 18 years of age and have been out of the secondary school system for at least 12 months, or have a school leaving certificate. Any
applicant not meeting these requirements must be recommended for admission by a secondary school principal or counsellor and be interviewed by the ASE instructor at the campus which the applicant wishes to attend. The recommendation and interview information will be referred to the ASE underage committee. The applicant will be admitted only if recommended by the committee and space is available. In cases of underage admission, continued registration and attendance is dependent on the student's achievement of specific educational and behavioural standards outlined in an individual performance contract. All students must participate in an intake interview with the instructor. The instructor will determine eligibility based on the following criteria.

Students must:

- Have the ability to learn and participate in a group setting
- Be emotionally stable - have no behavioural or emotional problems that would significantly interfere with the learning or safety of self or others.
- Have an identified cognitive disability. Students wishing to progress into the SAME Program must have specific documentation of disability which indicates that the student cannot meet the entry criteria for a regular Okanagan College program and/or cannot be successful in an unmodified form of a regular program, even with support.
- Have the ability to make routine decisions independently
- Have basic literacy skills (Grade four reading and/or listening comprehension)
- Have the ability to use public transportation or have alternate transportation
- Have the desire to explore vocational options
- Be motivated to participate in this program

Evidence of the above requirements must include at least two of the following (students must provide documentation at their own effort and expense):

- Psycho-educational assessment
- Participation in special or supported programs in a public institution or school
- Documentation from a physician or medical specialist
- Referral from Community Living B.C. (CLBC)
- Recommendation from an instructor from AACP, another college or high school
- Referral from a community agency.

In addition, PACE applicants must have one letter of reference commenting on the student's suitability for the PACE Program from a work-related source such as an employment counsellor, a work experience coordinator or teacher, or an employer.

Special Circumstances: Students who lack appropriate documentation may be admitted conditionally at the discretion of the department chair upon consultation with the instructor. In cases of conditional admission, continued registration and attendance is dependent on the student's achievement of specific educational and behavioural standards outlined in an individual performance contract.

A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract.

Program Outline

Participation Standard - overall average of 50%.

Minimum 50% per course with an overall average of a minimum of 70%.

Successful students at each level are eligible for graduation and will receive the PACE certificate with recognition of Participation, PACE, or SAME standard. Students, who wish to ladder into the SAME program, must meet the standard of the SAME program to be eligible for appropriate inclusive programs. With permission of the department, students may repeat a semester to meet standards.

Semester I

LSPM 001 Strategies for Success A
LSPM 031 PACE Applied Skills I
LSPM 005 Career Exploration

Semester II

LSPM 003 Workplace Interpersonal Skills A
LSPM 007 Working World A
LSPM 032 PACE Applied Skills 2

Semester III

LSPM 004 Workplace Interpersonal Skills B
LSPM 008 Working World B
LSPM 033 PACE Applied Skills 3

Semester IV

LSPM 006 Job Search Skills
LSPM 002 Strategies for Success B
LSPM 034 Pace Applied Skills 4

SAME Program (Supported Access to Modified Education)

This program enables students with learning difficulties, who cannot meet entry criteria for regular Okanagan College programs or courses, to access modified versions of those programs or courses. Students will be supported to develop specific academic or vocational goals in a program or course that has been modified to meet their learning needs. They will also attend a weekly support class. Successful students will receive an anecdotal grade and a modified certificate.

Admission Requirements

Students who have completed the PACE program

Students may enter directly into the SAME program on the recommendation of the ASE instructor and the receiving instructor provided that they meet the PACE Admission Requirements, have an established record of student success behaviours, have a clear and realistic vocational goal based on prior work experience in a field directly related to the chosen SAME Program, or demonstrated a strong interest in a particular academic area, and that space is available. Students who are enrolled in or have completed the PACE Program will be given priority access.

All students wishing to enter the SAME program must have specific documentation of disability which indicates that the student cannot meet the entry criteria for a regular Okanagan College program or course and/or cannot be successful in an unmodified form of a regular program or course, even with support. Documentation must include one of the following:

- Psycho-educational assessment (current within 5 years)
- Educationally specific documentation from a physician or medical specialist

Applicants without PACE Completion must also provide two letters of recommendation, one letter from:

- A previous instructor in ABE or ASE, or from a senior secondary teacher. This recommendation must comment on the student’s behaviours and attitudes including:
  - Attendance and punctuality
  - Ability to complete work in an accurate and timely manner
  - Response to criticism
  - Interactions with instructors and peers
  - Strategies for coping with stress
  - Willingness to participate in class activities and group work.

Another letter from:

- An employment-related agency, advocacy group, employer or workplace supervisor. This recommendation must outline related work experience and comment on:
  - The suitability of the student for the chosen SAME Program based on strengths and abilities demonstrated in the workplace over a period of at least eight weeks.

Applicants without PACE Completion must also provide two letters of recommendation, one letter from:

- A previous instructor in ABE or ASE, or from a senior secondary teacher. This recommendation must comment on the student’s behaviours and attitudes including:
  - Attendance and punctuality
  - Ability to complete work in an accurate and timely manner
  - Response to criticism
  - Interactions with instructors and peers
  - Strategies for coping with stress
  - Willingness to participate in class activities and group work.

Another letter from:

- An employment-related agency, advocacy group, employer or workplace supervisor. This recommendation must outline related work experience and comment on:
  - The suitability of the student for the chosen SAME Program based on strengths and abilities demonstrated in the workplace over a period of at least eight weeks.
Employability skills such as attendance and punctuality, willingness to work, ability to follow instructions, ability to cope with constructive criticism, and teamwork skills.

Students applying for admission into the SAME Program must apply to the ASE Liaison eight months prior to the start date of their chosen program or course.

Students enrolled in the SAME Program will also be enrolled in the following courses:

- **LSSM 020** Access and Support
- **LSPM 027** Employment Connection

Cost:

Tuition and student fees apply. Student may seek support for tuition and student fees through the Adult Upgrading Grant (AUG).

Please contact your campus for further information.

**Inclusive Post-Secondary Education Certificate**

In this one- to four-year certificate program, students with cognitive disabilities will be supported by the ASE department to identify and access an individualized selection of OC courses or an individualized program based on their interests and goals. Students will be admitted to the OC courses/program upon acceptance by the receiving departments and instructors and will be expected to participate to the best of their ability. Students will also participate in the IPSE Inclusion Support course.

An Inclusion Facilitator will support students to set and review academic and social goals, clarify assignment modifications, and identify goals for participation in student life activities. Facilitators will not provide direct instruction. Facilitators will work with the student to connect with a peer support partner and will help them plan and organize study time and assignment completion. Students will be supported to plan and conduct a job search and will be referred to appropriate employment agencies for summer employment and upon graduation. Students will graduate with an Inclusive Post-Secondary Education Certificate.

**Admission Requirements**

Students must meet the general ASE Admission requirements.

Students will be accepted into the IPSE program on recommendation of the ASE department provided that:

1. They have successfully completed at least one ASE or AACP course.
2. They are motivated to participate in this program.
3. They have a commitment to learning.
4. The receiving instructors are willing to participate.
5. Participation does not present a safety hazard.
6. The number of students per receiving program is limited to a maximum of one.
7. Resources are sufficient to provide the support services required.

Students must participate in a planning interview with the ASE Instructor and Inclusion Facilitator seven months prior to program start (e.g. February of the year preceding a September entry.)

A student who is non-verbal or multi-disabled and requires special accommodations can only be accepted into the program when those specific accommodation needs have been addressed and met. The student may be required to attend with a qualified support person who will be required to participate in a learning contract.

**Program Outline**

Individualization means that each IPSE program will be different depending on the strengths, needs, and goals of the student. At a minimum, a student could take one course per semester plus the Inclusion Support course. The maximum would be a full course load plus the Inclusion Support course. Programs will generally be either one or two years to reflect the normal length of an OC program. Some students may choose OC degree options and in that case four years would be normal. Courses may be repeated if desired by the student and recommended by the instructor to reinforce and consolidate learning. The selected academic options will be complemented by individually chosen Student Life Options: clubs, study partner, learning centre, lunch in cafeteria, student society, fitness, library, social activities, work placement on campus, etc.
One Year Program

Minimum Requirements: One OC course plus one section of Inclusion Support per semester

Maximum Possible: Acceptance into a one-year program and participation in some or all of the program requirements plus one section of Inclusion Support per semester or up to five individually chosen courses per semester plus one section of Inclusion Support per semester.

One course per semester may be an ASE course.

Required ASE course:

**IPSE 001** IPSE Inclusion Support

Two Year Program

Minimum Requirements: One OC course plus one section of Inclusion Support per semester.

Maximum Possible: Acceptance into a two-year program and participation in some or all of the program requirements plus one section of Inclusion Support per semester or up to five individually chosen courses per semester plus one section of Inclusion Support per semester.

One course per semester may be an ASE course.

Required ASE course:

**IPSE 001** IPSE Inclusion Support

**Graduation Requirements**

Students must complete a minimum of one course per semester for the length of their program. Students must also complete one section of IPSE Inclusion Support for each semester they attend.

To be successful, IPSE students must demonstrate successful student values, attitudes and behaviours by:

- Attending classes and scheduled meeting regularly,
- Participating in class activities to the best of their ability, and
- Completing assigned work to the best of their ability.

Successful students will graduate with an Inclusive Post-Secondary Education Certificate. Students will be provided with an OC transcript of courses taken and recommendations from instructors where earned.

**English Language Programs**

**Please see:**

- English Language Certificate
- English for Academic Purposes

**Distance Education**

Okanagan College offers credit courses by distance education, allowing students throughout the Okanagan College region and beyond to complete courses independently. Credits earned may be applied to Okanagan College degree, diploma and certificate programs.

Okanagan College's usual application, registration and refund policies apply to distance education students.

Visit [www.okanagan.bc.ca/distance](http://www.okanagan.bc.ca/distance) for a complete list of courses and programs offered through distance education.

If you are looking for information on PNUR 113 which is offered through distance education and is required for entry into the Practical Nursing program, please check [here](#).

Distance Education

Okanagan College

1000 KLO Road

Kelowna, BC V1Y 4X8

Telephone Kelowna: 250-862-5480

Toll Free within B.C.: 1-888-638-0058

Email: distance@okanagan.bc.ca

**Continuing Studies**

Continuing Studies is responsible for creating and administering courses and programs throughout the Okanagan College region. Annually, more than 22,000 students enrol in Continuing Studies courses at Okanagan College. Courses are administered through the campuses and centres. For further information visit our website at [www.okanagan.bc.ca/cs](http://www.okanagan.bc.ca/cs).

Semi-annual Continuing Studies brochures are published at most Continuing Studies centres. These
brochures contain information on semester offerings, fees and registration. For copies of current brochures see contact information below.

Programs and Services

Continuing Studies is responsible for creating and administering courses and programs throughout the Okanagan College region. Annually, more than 22,000 students enrol in Continuing Studies courses at Okanagan College. Courses are administered through the campuses and centres. For further information visit our website at www.okanagan.bc.ca/cs.

Semi-annual Continuing Studies brochures are published at most Continuing Studies centres. These brochures contain information on semester offerings, fees and registration. For copies of current brochures see contact information below.

Part-time Vocational Certificate Programs: Continuing Studies offers a wide range of job preparation and job upgrading programs leading to certificates. Programs consist of a minimum of 60 hours of instruction and are usually offered at varying Okanagan College centres. For location, start dates and times, consult your local Continuing Studies brochure, call your local Okanagan College campus, or visit our website www.okanagan.bc.ca/cs. Tuition fees are subject to revision without notice.

Minimum passing grade (part-time vocational certificate programs): 60% unless otherwise stated.

Vocational Short Courses: Offered usually in the evenings or on weekends, these courses are tailored to meet local job market and skill needs. Please check the Okanagan College centre in your area.

General Interest Courses: A variety of non-credit courses in leisure, recreation and hobbies. Each Okanagan College centre offers a variety of courses tailored to meet the needs of the local community. These courses are offered on a cost-recovery basis.

Contract Training: Continuing Studies can provide varied programs of vocational, career and professional development training by contract to companies or organizations. These programs are designed to suit the educational needs of employees, employers or organizations.

Inter-institutional Co-operation: Continuing Studies co-operates with other post-secondary institutions to enhance the range of credit and non-credit courses available to Okanagan residents.

Advanced GIS Certificate

This 500-hour program will introduce students to the essentials of using GIS to create maps and edit and manage GIS data. Students will learn the basics of project management. In addition, more advanced topics such as raster analysis, working with 3D data and network datasets will be covered. Students will also learn how to use GPS technologies to gather data, how to perform GIS analysis, complete an in-depth study of relational databases and how databases are used within a GIS. Students will be required to complete two major projects of their design as well as a directed project of the type they would encounter in an employment situation. A blend of theory and practical application ensures the graduates are prepared to work in various employment opportunities in private industry, consulting, government, First Nations and Mining sectors.

Admission Requirements

B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

A minimum of 60% in MSFD 101 - File and Desktop Management or equivalent experience.

Components

CGIS 101 GIS Essentials
CGIS 102 GIS Data
CGIS 103 GIS Project #1
CGIS 104 GPS
CGIS 105 GIS Analysis & Automation
CGIS 106 Relational Databases
CGIS 107 GIS Project #2
CGIS 108 Raster Analysis
CGIS 109 3D Modeling
CGIS 110 Geometric Networks
CGIS 111 Linear Referencing
CGIS 112 Temporal Data & Animation
CGIS 113 Map Books
CGIS 114 Directed Project

Graduation Requirements

Students must pass each course with a minimum grade of 70% to receive the certificate.

Aboriginal Community Support Worker Certificate

The 375-hour Aboriginal Community Support Worker Certificate prepares learners to support and assist Aboriginal Individuals and families, both on- and off-reserve, to enhance their quality of life. In addition to covering the core training required by all community workers, this program enables learners to develop knowledge and direct employment-related skills required to work with the unique needs of Aboriginal people and communities.

This program emphasizes a person/family-centred and holistic approach to community support work and includes a 70-hour practicum at approved organizations. Graduates are prepared to work in entry-level positions under direction and supervision, and practice professionally as part of a support team in community-based organizations that work with Aboriginal persons.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or equivalent.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

Program Outline

ACSW 112 Social Determinants within Aboriginal Communities
ACSW 113 Introduction to Aboriginal Traditional Knowledge Systems
ACSW 114 Introduction to Aboriginal Law
ACSW 115 Professional Practice in Human Service Work
ACSW 116 Holistic Supports and Services
ACSW 117 Health, Safety and Wellness
ACSW 118 Interpersonal Skills for Human Service Professionals
ACSW 119 Human Development/Lifespan
ACSW 120 Reconciliation: Relationships and Aboriginal Communities
ACSW 121 Introduction to Substance Abuse Counselling
ACSW 122 Group Facilitation
ACSW 123 Motivational Interviewing
ACSW 124 Workshops
ACSW 125 Practicum

Audio Engineering and Music Production Certificate

The Audio Engineering and Music Production certificate is a 730-hour program that trains individuals to work in various technical positions such as recording arts, music, theatre, concerts, broadcasting, video and film. The program develops skills required to operate digital and analog audio recording, programming and processing equipment. The course content provides a foundation in the principles of hearing, sound, music, basic electronics, processing, signal flow, microphone techniques, mixing and mastering, live sound engineering, and reviews current industry standards. Students will gain hands-on experience with industry-standard recording and studio systems, and music and audio experience.

Admission Requirements

- Grade 12 or Advanced Level certificate or GED, or 19 years of age and out of
secondary school for at least one year as of the first day of classes.

- English 12 with minimum 60% or alternatives.
- Math requirement:

A minimum of 60% in any of:

- Foundations of Mathematics and Pre-Calculus Grade 10
- Applications of Mathematics 10
- Principles of Mathematics 10
- Adult Basic Education MATH 071 and MATH 072

Or a minimum of 65% on the ABLE Mathematics test. Test scores are only good for two (2) years.

**Components**

**Autism Spectrum Certificate**

This 81-hour program is for persons who work, interact and live with persons with Autism Spectrum Disorder (ASD). Courses will provide a thorough overview of ASD focusing on both theory and practical skills that will be useful for professionals, parents and/or caregivers. Multiple strategies, examples and tips, as well as concrete suggestions and in-depth resource listings that can be used to greatly enhance the quality of interactions with persons with autism in home, educational, daycare, social work or caregiver settings will be presented.

**Admission Requirements**

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.

**Components**

**AutoCAD Skills Certificate**

This 160-hour certificate program introduces students to the tools and applications of AutoCAD software. Emphasis will be on learning the concepts and practical uses of the program as well as developing acceptable practices for electronic file management. Concentrating on two-dimensional drafting, this program teaches the use of AutoCAD using examples of drawings from various industries. A hands-on approach emphasizing practical working techniques is
applied to exercises and assignments. This program is suitable for individuals with previous background within residential construction, carpentry, drafting or manufacturing who are wishing to advance or expand upon their skills into computer-aided design.

Components

**AD 001** Introduction to AutoCAD Skills

**AD 002** Applied AutoCAD Skills

**MSFD 101** File and Desktop Management

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive the certificate.

**Basic Accounting Certificate**

This introductory program is designed for persons seeking entry-level employment in accounting, for those wishing to maintain a set of books for a small business, or for those wanting an understanding of basic accounting principles before studying computer-based accounting systems. The two courses in the program total 66 hours of instruction, and are supplemented by individual assignments requiring the application of material presented in class sessions.

Admission Requirements

- No admission requirements

Components

**BAC 11** Introduction to Accounting Level 1

**BAC 12** Introduction to Accounting Level 2

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive the certificate.

**Blockchain Certificate**

The 112-hour digital Blockchain Certificate Program provides learners with knowledge, strategies, tools and skills related to the use of Blockchain in the workplace. Blockchain skills are required in a variety of fields including government, health, education, financial services, logistics, real estate, start-ups, oil and gas, the non-profit sector and business.

Using a digital pedagogy approach that integrates theory and practical application, learners use Blockchain tools, techniques and platforms to gain an understanding of this technology. Learners are provided with the essentials of Blockchain technology including how to use it and how it can add value within businesses and society.

Graduates of the Blockchain Certificate Program are qualified to write the Blockchain Professional (BCP) exam as part of the Foundation Technologies Institute credentialing process.

Admission Requirements

- BC secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with 60% or alternatives.
- A minimum grade of 60% in one of: Foundations of Mathematics and Pre-Calculus Grade 10, MATH 070, or in both Adult Basic Education MATH 071 and MATH 072

Program Outline

**BCC 101** Introduction to Blockchain

**BCC 102** Blockchain Networks

**BCC 103** Introduction to Blockchain Platforms

**BCC 104** Wallets, Exchange & Interaction

**BCC 105** Application of Blockchain

Graduation Requirements

Learners must attain a minimum grade of 60% in all courses in the program. Learners must pass the Final Exam with a minimum of 60% to receive the certificate.

**Bookkeeping Certificate**

The 123-hour Bookkeeping Certificate provides students with the knowledge and skills of the complete bookkeeping cycle, from how to set up a company through the full year's business cycle for
computerized accounting systems. In this certificate, students will learn a computerized accounting program, apply their knowledge to spreadsheets, plus gain an indepth understanding of payroll administration.

**Admission Requirements**

BUAD 111 or OADM 143 or BAC 11 and 12 or a minimum grade of 73% in Accounting 12 or equivalent.

**Program Outline**

**BOOK 100** Spreadsheets for Bookkeeping  
**BOOK 110** Payroll Administration  
**BOOK 120** Computerized Accounting

**Graduation Requirements**

Students must complete each course with a minimum grade of 70% to receive the certificate.

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**Building Service Worker Certificate**

This 114-hour Building Service Worker Certificate provides students with the knowledge and practical skills for entry into the building service industry in custodial work, and upgrading for those who are currently employed in the industry. The program includes theory, demonstrations, and practical skills training in the classroom and in appropriate work areas. Topics include: health and safety regulations, work-place professionalism, and basic and specialized cleaning.

**Admission Requirements**

- BC secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.  
- English 10 with minimum 50% or alternatives.  
- Applicants are required to submit a physician's note confirming good health. Applicants must be capable of engaging in physical activities; including but not restricted to lifting. The medical examination must be undertaken not more than 6 months prior to enrolment in the program.

**Program Outline**

**CBSW 100** Developing Professional Skills  
**CBSW 110** Chemistry of Cleaning  
**CBSW 120** General Cleaning  
**CBSW 130** Carpet and Upholstery Cleaning  
**CBSW 140** Complete Floor Care  
**CBSW 150** Special Area and Project Cleaning  
**CBSW 160** Industrial Kitchen Cleaning

**Graduation Requirements**

Students must pass each course with a minimum grade of 70% to receive a certificate.

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**Coding Instructor Certificate**

The 165-hour Coding Instructor Certificate is designed for teachers and education professionals who wish to learn to teach, or become more proficient at teaching, computer coding to all ages of students between elementary through secondary school. The program explores the core concepts, theories, techniques, and methods of teaching coding based on an awareness, understanding and application of computational thinking. Primarily designed for non-technical educators and teachers with little or no background in coding, the program explores the foundational concepts of coding along with a thorough study of the curriculum and lesson plan development process, focusing on and emphasizing a learner-centred methodology and philosophy to create fun, practical and educational activities that can be delivered in a wide range of environments. The program includes a focus on cross-curricular opportunities to connect and integrate coding topics with other academic subjects. Courses are designed to be taken in sequence and are not intended to be taken separately.

**Admission Requirements**

- Applicants must be instructors who are currently working in an educational institution or individuals with an educational focus who have access to a teaching/training position.

**Program Outline**

**CIC 110** Introduction to Computational Thinking
**CIC 120** Coding Fundamentals

**CIC 130** Classroom Anatomy for Coding

**CIC 140** Lesson Planning for Coding

**CIC 150** Learner-Centred Pedagogy

**CIC 160** Cross-Curricular Coding Connections

**CIC 170** Capstone Review

**Graduation Requirements**

Students must pass each course with a minimum grade of 70% to receive a certificate.

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**Dental Office Administrative Assistant Certificate**

This 120-hour program is an introduction to the basic skills necessary for employment as a dental office administrative assistant, including front-desk skills. Students will receive an introduction to dentistry and routine dental procedures, and learn maintenance of patient records, insurance forms, appointment control, and record keeping within a computerized environment. Emphasis is on effective oral and written communication and professionalism in the dental office.

**Admission Requirements**

- BC Secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

**Components**

- **DAA 100** Communication Skills
- **DAA 101** Introduction to Dentistry
- **DAA 102** Dental Office Procedures and Computers

**Graduation Requirements**

Students must pass each course with a minimum grade of 60% to receive a certificate.

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**Drupal Web Developer Certificate**

The 240-hour Drupal Web Developer Certificate program provides the necessary tools to begin a career as a web developer utilizing the Drupal content management platform. This program emphasizes the skills, methods and tooling knowledge to work in the field of web-based content management. Website development with Drupal will teach skills and provide knowledge for a broad field of web-related-site design and the expertise gained in this program will extend into many other frameworks and even static site design outside of Drupal.

Graduates of this program will gain the real-world knowledge required to apply themselves in the workforce and gain meaningful experience for employment.

**Admission Requirements**

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for one year as of the first day of classes.
- Interview and portfolio assessment of the following:
  - Novice level PHP (control flow, loops, variable and function declarations), or an intermediate level of C, C++ or C-based syntax language is a must.
  - Intermediate HTML5 - Fieldsets, navs, lists, divs, classes and events are used heavily in projects assigned in this course.
  - Intermediate CSS - You should be familiar with complex selectors, specificity, flexbox or floats, common styling properties and familiarity with cross-browser support.
  - Responsive (mobile/tablet) design principles. Knowledge in tools like SASS is an asset.

Additional preferred skills:

- Experience with the Object Oriented Programming paradigm is recommended.
- Familiarity with SQL syntax and simple SQL statements (MySQL/MariaDB)

**Components**

- **DRUP 100** Introduction to Drupal Development
- **DRUP 110** GUI Usage
- **DRUP 120** Website Theming
- **DRUP 130** Website Development Project
DRUP 140 Modules and Hooks
DRUP 150 Developing Custom Modules
DRUP 160 Building E-Commerce Financial Transactions
DRUP 170 Commerce Project
DRUP 180 Drupal Community Project

Graduation Requirements

Students must successfully complete each course with a minimum grade of 70% to receive the certificate.

Education Assistant Certificate

This 447-hour Education Assistant Program prepares learners to work as Education Assistants in schools as part of an educational team. Education Assistants work under the instructional supervision of classroom teachers and School District administrators while supporting the learning and independence of children who benefit from additional assistance in meeting their educational goals.

Learners are introduced to the organizational structure of schools and the role of Education Assistants in the classroom. Specific topics include general educational principles with particular attention to individualized instruction, cooperative learning and the importance of creating a positive learning environment. Learners develop and practice the skills necessary to implement modifications and adaptations of curriculum.

Admission Requirements

- BC secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter.

Components

EA 111 School Organization
EA 112 Education and Child Development
EA 113 Workshop
EA 114 Translating and Supporting Behaviour
EA 115 Implementing and Integrating Curriculum
EA 116 Technology in Education
EA 121 Issues in Education
EA 122 Supporting Educational Domains
EA 124 Practicum

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive a certificate.

Esthetics and Nail Technology Certificate

In this 43-week (1,100-hour) program, students gain the skills and knowledge necessary to be successful in the field of professional Esthetics and Nail Technology. Students learn the latest industry techniques for a wide range of treatments including spa level manicures and pedicures, artificial nail enhancements, skin care and facials, waxing essentials, aromatherapy, reflexology, relaxation and hot stone massage, body scrubs and wraps, eye lash and brow tinting and make-up foundations. A blend of theory and practical application ensures the graduates are prepared to work in day spas, destination spas, on a cruise ship, or in their own entrepreneurial venture.

In addition to obtaining Okanagan College certification, students will be prepared for membership with industry associations should they choose to pursue them.
Admission Requirements

- B.C. secondary school graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

- A scheduled mandatory meeting with Esthetics and Nail Technology staff to discuss their interest in the industry, to clarify program requirements and to provide counselling on entry into the program.

Program Outline

ESNT 101 History and Professionalism in Esthetics
ESNT 102 Infection Control: Principles and Practice
ESNT 103 General Esthetic Sciences
ESNT 104 Nail Structure & Growth: Diseases and Disorders
ESNT 105 Natural Nail Care: Manicures and Pedicures
ESNT 106 Artificial Nail Enhancements: Techniques and Procedures
ESNT 107 The Skin Sciences
ESNT 108 Product Selection and Ingredients: Making Informed Choices
ESNT 109 Skin Care and Facials
ESNT 110 Waxing Essentials
ESNT 111 Aromatherapy: An Introduction
ESNT 112 Reflexology for the Esthetician
ESNT 113 Relaxation Massage and Hot Stone Therapy
ESNT 114 Body Scrubs and Body Wraps
ESNT 115 Introduction to Advanced Esthetics
ESNT 116 Eyelash and Brow Tinting
ESNT 117 Make-Up Foundations
ESNT 118 Business Skills, Retailing and Career Skills
ESNT 119 Practical Skills
ESNT 120 Advanced Practical Skills
ESNT 121 Practicum

Graduation Requirements

Students must pass the practicum and achieve a minimum grade of 70 per cent in all other courses of the program.

Floral Design Certificate

This 150-hour certificate program prepares students to work as floral designers and to upgrade the abilities and skills of those currently working in the field. Emphasis is on retail floristry including small businesses and franchise retail outlets. Program content concentrates on the basic principles of plant care, floral design, and floral arrangements for special events.

Admission Requirements

Successful completion of Grade 10 or equivalent.

Program Outline

FD 01 Basic Plant Care Principles
FD 02 Principles of Floral Design
FD 03 Basic Floral Arrangements
FD 04 Designing Funeral Arrangements
FD 05 Designing Wedding Arrangements
FD 06 Floral Marketing

Gastroenterology Nursing Certificate

The 302-hour online Gastroenterology Nursing Certificate (GNC) provides learners with the knowledge and practical skills for entry into endoscopic nursing. This program includes theory, demonstrations, and practical skill training in endoscopic work areas. Topics include: anatomy and physiology, pre- and post-nursing care for gastroenterology procedures performed in the ambulatory care setting and the handling and care of scopes and accessories.
Admission Requirements

Admission Requirements:

- Proof of an active practicing license with a respective provincial professional body (RN, LPN)
- Provide written proof of a minimum of two years acute care experience
- Provide a written agreement of a practicum placement by an endoscopy unit manager
- Current certification in CPR Level C. This must be maintained throughout the program.
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

Program Requirements:

- Results of tuberculin testing done no more than six months before the date of application, with evidence of appropriate follow up if the test was positive.
- Up-to-date Immunization Record based on vaccinations listed below. Please provide a photocopy of your completed immunization record; this record will be kept in your student file. Applicants are advised that, if they choose not to complete this recommended immunization schedule, any outbreak of an infectious disease can have serious implications for their practice experience because of a requirement by the Health Authority that all those not immunized remain outside of the practice area.

1. Tetanus and Diphtheria Toxoid (Td) - Booster doses of Td are recommended every 10 years, or as a minimum at least once during adult life.
2. Measles Vaccine - If born between 1957 and 1970, you should have proof of two live measles vaccinations, documentation of physician-diagnosed measles or laboratory evidence of immunity. If you already received one dose of measles vaccine, a second dose of vaccine is recommended and is given as Measles Mumps (MMR) vaccine.

3. Polio Vaccine - Primary immunization with inactivated poliomyelitis vaccine (IPV) is indicated for all who have not had a primary course of poliovirus vaccine (OPV or IPV). If you have not been given a full primary course, you should have the series completed with IPV regardless of the interval since the last Booster doses of IPV are not required in Canada.
4. Rubella Vaccine - If you do not have documented immunity as described above under Measles, you should be vaccinated with MMR, unless there are contraindications.
5. Hepatitis B Vaccine - Recommended because of potential exposure to blood or body fluids, as well as increased risk of penetrating injuries.
6. Varicella Vaccine - Indicated for those who do not have either reliable history of disease or serologic evidence of immunity.
7. Flu Immunization - Annual Flu immunization is recommended.

Program Outline

- **GNC 110** Gastroenterology Nursing Practices
- **GNC 120** Infection Control and Environmental Safety
- **GNC 130** Anatomy, Physiology and Pathophysiology
- **GNC 140** Pharmacology
- **GNC 150** Diagnostic Tests and Therapeutic Procedures
- **GNC 160** Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.

**Hospitality Service Training Certificate**

This 124-hour Hospitality Service Training Certificate prepares learners to successfully launch a career in the hospitality and tourism industry. This program includes theory, demonstrations and practical-skill training in various areas of the hospitality industry. Included in this program is also an emphasis on customer service and working together as part of a team.
Graduates of this program will be prepared with practical skills and knowledge that they can immediately apply in their workplace.

**Admission Requirements**

English 10 with minimum 50% or alternatives. Serving it Right Certificate. FoodSafe Certificate.

**HOST 100** Introduction to Hospitality & Tourism
**HOST 110** Customer Service Excellence
**HOST 120** Professional Front Desk Agent
**HOST 130** Housekeeping Room Attendant
**HOST 140** Food & Beverage Operations
**HOST 150** Employment Preparation
**HOST 160** Practicum

**Graduation Requirements**

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.

**Interior Decorating Certificate**

This 162-hour program provides students with comprehensive training in interior decorating and planning for residential and commercial environments. Students will learn to analyze, develop, coordinate and implement interior decorating plans with style and confidence. This program may lead to entry-level positions in retail sales or interior decorating.

**Admission Requirements**

- Grade 12 or equivalent, or mature student status (at least 19 years of age and out of full-time senior secondary study for at least one year), or completion of the GED, or the Adult Basic Education Advanced Level certificate.

**Components**

**IND 01** Introduction to Interior Decorating
**IND 02** Working With Floor Plans
**IND 03** Perspective Drawing
**IND 04** Drawing and Colour Rendering
**IND 05** Using Colour in Your Home
**IND 06** Fabrics and Furnishings
**IND 07** Lighting, Accessories and Art
**IND 08** Materials for Surface Finishes
**IND 09** The Final Project

**Graduation Requirements**

Students must pass each component with a minimum grade of 60% to receive a certificate.

**Introduction to Office Administration Certificate**

Combining computer and non-computer courses, this program will offer basic business and administrative skills training. This program is designed to prepare students for modern entry-level administrative positions, or to upgrade the skills of individuals who are already employed in an administrative capacity. Coursework will include technology training and basic office accounting, both manual and computer-based.

**Admission Requirements**

- Minimum grade 10 or equivalent (ABE Intermediate level)
- Computer Keyboarding Level I or a minimum of 20 net words per minute
- Computer Fundamentals

**Graduation Requirements**

Students must pass each component with a minimum grade of 60% to receive a certificate.

**Components**

**OA 90** Communication Skills
**OA 92** Basic Office Procedures
**Landscape Horticulture Certificate**

The landscape industry has seen increased consumer demand for professional landscape services. This 120-hour program provides the core skills required for employment in this growing industry, as well as upgrading for those currently involved with the various phases of landscape horticulture. Persons with responsibilities for administering landscape construction or maintenance contracts will also find the program beneficial. The Landscape Horticulture Certificate program also provides a solid foundation for individuals interested in pursuing advanced studies in specialized horticulture disciplines such as turf grass maintenance, landscape design, and nursery propagation.

**Admission Requirements**

- No admission requirements.

**Components**

- **HT 11** Botany and Soil Science
- **HT 12** Plant Identification
- **HT 13** Landscape Construction
- **HT 14** Landscape Maintenance

**Graduation Requirements**

Students must pass each course with a minimum grade of 60% to receive a certificate.

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**Leadership and Change Certificate**

The 144-hour Leadership and Change Certificate is designed for individuals preparing for more senior or advanced leadership roles in their organization. This program will be of interest to individuals who want to nurture their own leadership character and competencies and be agents of change.

Leaders are called upon to respond to new challenges in new ways. Bureaucratic, mechanistic and traditional business thinking models and frames of reference no longer work for the 21st century. This applied leadership certificate is designed to enhance the character and competencies of learners and future leaders in five critical areas: enhancing personal credibility and authenticity; building team commitment; becoming positive change agents; building a community of learners and aligning systems, values, processes and structure to deliver results consistently.

Learners participate in a blend of three online courses and an online residency capstone.

**Admission Requirements**

B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

Minimum two years of work experience in a position of responsibility, such as supervisor, manager, project or team leader.

**Program Outline**

- **LC 111** Authenticity and Personal Mastery
- **LC 112** Leading Change in Teams
- **LC 113** Leading Change in Organizations
- **LC 114** Leadership Residency

**Graduation Requirements**

Learners must pass all courses with a minimum grade of 70% in each to receive the Certificate.
Leadership Skills Certificate

The Leadership Skills Certificate is a 90-hour program that trains individuals in effective leadership skills. The course content provides a foundation in the principles of leadership, the development of high performance teams and performance management. Learners will gain practical skills that they can immediately apply in their workplace.

Admission Requirements

- No admission requirements.

Components

LSC 111 Approaching Leadership
LSC 112 Building High Performance Teams
LSC 113 Managing for Performance

Graduation Requirements

Students must pass each course with a minimum grade of 60% to receive a certificate.

Learner-Centred Instructor Certificate

The Learner-Centred Instructor Certificate Program (LCI) is a 60-hour program. It is designed to be accessible for instructors who are currently working in an educational institution, or individuals with an educational focus who have access to a teaching/training position.

The LCI program provides new instructors the opportunity to increase their teaching skills while developing a learner centred philosophy of instruction. An integrated approach which merges practical training with theoretical learning will be used in the program to assist students in developing practical instructional skills for use in the classroom. By the end of the program participants will be able to create an engaging learner centred environment, and develop and deliver effective learner centred instructional strategies. Successful graduates of the program will receive an Okanagan College Learner Centred Instructor Certificate.

Admission Requirements

Applicants must be instructors who are currently working in an educational institution, or individuals with an educational focus who have access to a teaching/training position. English 12 with minimum 50% or alternatives.

Program Outline

LCI 101 Building a Learner Centred Culture
LCI 102 Instructional Planning
LCI 103 Teaching Techniques
LCI 104 Multi Media and Technology
LCI 105 Learning Assessment and Course Evaluation
LCI 106 Instructional Evaluation and Development

Graduation Requirements

The Learner Centred Instructor Program Certificate will be granted upon successful completion of the six courses in the program. Students must receive a minimum passing grade of 60 in each of the six courses.

Medical Device Reprocessing Technician Certificate

The 814-hour Medical Device Reprocessing Technician Certificate provides students with the knowledge and practical skills required for a career as a Medical Device Reprocessing Technician (MDRT).

The program includes theory, demonstrations, practical skill training in the classroom, and a 400-hour supervised practicum at accredited facilities. Topics include: decontamination, cleaning, processing, assembly, sterilization, storage, and distribution of surgical instruments and medical devices within a quality assurance framework. Students will learn and demonstrate the handling and packaging of over 100 basic surgical instruments.

Graduates of the Okanagan College Medical Device Reprocessing Technician Certificate are qualified to write the Canadian Standards Association Certified Medical Device Reprocessing Technician Personnel certification exam as well as an international certifying agency exam, the International Association of
Healthcare Central Service Material management (IAHCSMM).

**Practicum Experiences**

Practicum experiences are an integral component of this program. Locations are throughout the province. Okanagan College will assign the placement. While every effort will be made to accommodate a student's preference for locations of practicum experiences, Okanagan College reserves the right to determine the appropriateness of any placement. All agencies and institutions serving as practicum sites must be approved by Okanagan College. Okanagan College reserves the right to change a student's practicum placement. The student has the right to be informed in writing of the reasons for a change in placement.

Practicum host sites may require students to work all shifts and therefore, students must plan to make the necessary time adjustments with daycare, part-time employment or other commitments.

Students must arrange for their own transportation to and from practicum sites. Travel and accommodation expenses associated with practicum experiences are entirely the student's responsibility. Attendance at practicum sites is mandatory.

A student may be denied a practicum if their preparatory work is deemed unsatisfactory or if their participation in a practicum puts the receiving agency or its clients at unreasonable risk. A student may be required to withdraw from a practicum based on poor performance or poor attendance in a practicum setting, or if the state of her/his health impairs ability to perform competently or poses a potential risk to the practicum host or its clients.

A student may be suspended from a practicum site if her/his behaviour contravenes that of the established code of conduct for the site or if her/his behaviour is deemed to compromise the normal functioning of the practicum site.

**Admission Requirements**

- B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- CPR Level C no more than 12 months before admission
- One of Occupational First Aid Level 1 or Standard First Aid no more than 12 months before admission
- Applicants must undergo a medical screening to determine any pre-existing medical conditions that could be compromised by working in this field.
- Evidence of an Ishihara colour test that indicates no colour blindness.
- Up-to-date Immunization Record based on vaccinations listed below (prior to starting MEDR 119 - Practicum). Please provide a photocopy of your completed immunization record; this record will be kept in your student file. Applicants are advised that, if they choose not to complete this recommended immunization schedule, any outbreak of an infectious disease can have serious implications for their practice experience because of a requirement by the Health Authority that all those not immunized remain outside of the practice area.
  - Tetanus and Diphtheria Toxoid (Td) - Booster doses of Td are recommended every 10 years, or as a minimum at least once during adult life.
  - Measles Vaccine - If born between 1957 and 1970, you should have proof of two live measles vaccinations, documentation of physician-diagnosed measles or laboratory evidence of immunity. If you already received one dose of measles vaccine, a second dose of vaccine is recommended and is given as a Measles Mumps (MMR) vaccine.
  - Polio Vaccine - Primary immunization with inactivated poliomyelitis vaccine (IPV) is indicated for all who have not had a primary course of poliovirus vaccine (OPV or IPV). If you have not been given a full primary course, you should have the series completed with IPV regardless of the interval since the last dose. Booster doses of IPV are not required in Canada.
  - Rubella Vaccine - If you do not have documented immunity as described above under Measles, you should be vaccinated with MMR, unless there are contraindications.
  - Hepatitis B Vaccine - Recommended because of potential exposure to blood or body fluids, as well as increased risk of penetrating injuries.
Varicella Vaccine - Indicated for those who do not have either reliable history of disease or serologic evidence of immunity.

Influenza (Flu) Immunization - Annual influenza immunization is recommended.

- Evidence of a negative tuberculin skin test (no more than 6 months before admission).
- A vaccination for Hepatitis B (completed prior to starting MEDR 119 - Practicum)
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to submit the letter by the deadline will result in a cancellation of the applicant’s admission application.
- Applicants must attend an orientation session.

Medical Office Assistant Certificate

This 336-hour Medical Office Assistant (MOA) program prepares students for administrative and clinical duties of an office assistant in a medical office or clinical environment. Students will acquire skills to communicate accurately and professionally with medical professionals and patients, demonstrate knowledge of office procedures and time management, apply medical terminology throughout the program, obtain a good understanding on the use of computers in the office environment, perform computerized medical billing tasks, apply medical office guidelines and standards, and gain real-world experience through a practicum. Students will also learn about medical/legal aspects of the healthcare industry.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- Applicants must provide evidence of a negative tuberculin test, taken no more than six months before the date of application (or evidence of an appropriate follow-up if the test was positive).
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant’s admission application.

Components

MEDR 110 Anatomy and Physiology

MEDR 111 Human Workplace Relations

MEDR 112 Introduction to Medical Terminology Concepts

MEDR 113 Microbiology and Infection Control Concepts

MEDR 114 Decontamination Procedures and Recommended Practices

MEDR 115 Sterile Packaging Principles and Practices

MEDR 116 Sterilization Concepts and Techniques

MEDR 117 Quality Assurance, Surgical Instruments and MEDR Perioperative Duties

MEDR 118 MEDR Workshop

MEDR 119 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in all other courses in the program.

Components

MOA 101 Medical Terminology

MOA 102 Pharmacology

MOA 103 Computers and Transcription
MOA 104 Medical Office Systems
MOA 105 Medical Office Procedures
MOA 106 Workplace Skills
MOA 107 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.

Nursing Unit Assistant Certificate

The Nursing Unit Assistant is a key member of the healthcare team, has frequent contact with nursing and medical staff, and performs a wide range of clerical duties related to the operation of a patient/resident care facility.

This 439-hour Nursing Unit Assistant Certificate program focuses on the theory and application skills of the various roles and responsibilities of a Nursing Unit Assistant through classroom demonstrations and a 125-hour supervised practicum at accredited facilities. Topics include: medical terminology and abbreviations, coordinating patient/resident appointments, transcribing and processing physicians' orders, communicating with other healthcare departments and hospitals, assembling/maintaining patient/resident charts, performing keyboarding and data-entry responsibilities, arranging patient/resident tests and receiving results, telephone answering, and receiving and directing visitors.

Admission Requirements

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- Applicants must provide evidence of a negative tuberculin test, taken no more than six months before the date of application (or evidence of an appropriate follow-up if the test was positive)
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

Components

MOA 01 Medical Terminology
NUA 100 Communication Skills for Nursing Unit Assistants
NUA 110 Patient Chart Records
NUA 120 Admissions, Transfers, and Discharges
NUA 130 Pharmacology
NUA 140 Processing Medication Orders
NUA 150 Processing Laboratory Orders
NUA 160 Processing Diagnostic Orders
NUA 170 Processing Interventional Orders
NUA 180 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.

Occupational Health and Safety Certificate

The 272-hour online Occupational Health and Safety Certificate provides the theoretical knowledge and practical skills required for a career as a health and safety professional. Health and Safety professionals assume roles such as Health and Safety Advisor, Health and Safety Officer, Health and Safety Supervisor, Health and Safety Coordinator, Health and Safety Trainer and Health and Safety Manager. These professionals play a vital role in a variety of fields including, but not limited to, construction, forestry, mining, manufacturing, education, health care, government, agriculture and oil and gas.
Learners become familiar with effective health and safety systems, how to evaluate and continually improve health and safety systems, health and safety legislation, facilitation techniques, ability management, risk management, investigations and audits. Learners go beyond the development and management of a technically sound health and safety system to learning about facilitating a workplace that takes a team approach to health and safety by reducing the human factor in accidents.

**Admission Requirements**

- B.C. secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- A minimum of 60% in any of:
  - Foundations of Mathematics and Pre-calculus Grade 10
  - Applications of Mathematics 10
  - Principles of Mathematics 10
  - Adult Basic Education MATH 071 and MATH 072

Or a minimum of 65% on the ABLE Mathematics test. Test scores are only good for two (2) years.

**Program Outline**

- **OHS 111** Introduction to Health and Safety Systems
- **OHS 112** Management of Health and Safety Systems
- **OHS 113** Health and Safety Legislation
- **OHS 114** Ability Management
- **OHS 115** Human Factors
- **OHS 116** Training, Development and Facilitation
- **OHS 117** Risk Management
- **OHS 118** Investigation and Auditing

**Graduation Requirements**

Students must pass each course with a minimum grade of 70% to receive the certificates. Students must pass each final exam to receive the certificate.

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**PeriAnesthesia Nursing Certificate**

The 421-hour online PeriAnesthesia Nursing Certificate provides learners with the knowledge and practical skills for entry into PeriAnesthesia Nursing. This program includes theory, demonstrations, and practical skills education in PeriAnesthesia work areas. Topics include pre-operative, intra-operative and post-operative care considerations for all PeriAnesthesia phases with a focus on Phase 1.

**Admission Requirements**

- Active practicing license with respective provincial professional body (RN)
- Proof of a minimum of two years acute care experience
- Provide a written agreement of practicum placement by a perianesthesia unit manager
- Proof of arrhythmia interpretation competency
- CPR Level C no more than 12 months before admission
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College's admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General's Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant's admission application.

**Program Requirements:**

- Results of tuberculin testing done no more than six months before the date of application, with evidence of appropriate follow up if the test was positive.
- Up-to-date Immunization Record based on vaccinations listed below. Please provide a photocopy of your completed immunization record; this record will be kept in your student file. Applicants are advised that, if they choose not to complete this recommended immunization schedule, any outbreak of an infectious disease can have serious implications for their practice experience because of a requirement by the
Health Authority that all those not immunized remain outside of the practice area.

1. Tetanus and Diphtheria Toxoid (Td) - Booster doses of Td are recommended every 10 years, or as a minimum at least once during adult life.

2. Measles Vaccine - If born between 1957 and 1970, you should have proof of two live measles vaccinations, documentation of physician-diagnosed measles or laboratory evidence of immunity. If you already received one dose of measles vaccine, a second dose of vaccine is recommended and is given as Measles Mumps (MMR) vaccine.

3. Polio Vaccine - Primary immunization with inactivated poliomyelitis vaccine (IPV) is indicated for all who have not had a primary course of poliovirus vaccine (OPV or IPV). If you have not been given a full primary course, you should have the series completed with IPV regardless of the interval since the last dose. Booster doses of IPV are not required in Canada.

4. Rubella Vaccine - If you do not have documented immunity as described above under Measles, you should be vaccinated with MMR, unless there are contraindications.

5. Hepatitis B Vaccine - Recommended because of potential exposure to blood or body fluids, as well as increased risk of penetrating injuries.

6. Varicella Vaccine - Indicated for those who do not have either reliable history of disease or serologic evidence of immunity.

7. Flu Immunization - Annual Flu immunization is recommended.

Program Outline

PAR 101 Perianesthesia Nursing
PAR 102 Respiratory Care
PAR 103 Cardiovascular Care
PAR 104 Neurological Care
PAR 105 General Anesthesia
PAR 106 Regional Anesthesia
PAR 107 Admissions and Discharge
PAR 108 Pain Management and PONV
PAR 109 Post-Operative Complications
PAR 110 Specialty Populations
PAR 111 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.

Project Management Certificate

The intermediate-level 138-hour Okanagan College Project Management Certificate provides students with project management knowledge, strategies and tools that can be applied in the workplace. Offered in a blended learning format that provides a flexible and interactive learning environment, the certificate is designed for project managers at all levels. Project management skills are required in most work environments and project managers can be found in a variety of fields, including government, construction, health, education, information technology, oil and gas, the non-profit sector and business. Program students will learn and demonstrate effective techniques to immediately improve project performance.

Using an applied project scenario, students will use project management tools and techniques to manage a project through the initiation, planning, execution, monitoring, controlling and closing phases. The integrated approach of theory and practical application will address project scope, managing stakeholders, defining project milestones, creating project budgets, critical path analysis, verifying project changes using a change control process to manage issues as they arise, project reporting, and developing a transition plan. Learners will use project management software tools to develop a comprehensive project schedule, define the project's critical path, monitor the project's progress and report any variances to the baseline plan.

Graduates of the Project Management Certificate are qualified to write the Certified Associate in Project Management (CAPM) exam as part of the Project Management Institute (PMI) certification process.

Admission Requirements

- B.C. Secondary School graduation or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.
- English 12 with minimum 60% or alternatives.
- Math requirement:
A minimum of 70% in any of:

- Foundations of Mathematics and Pre-calculus Grade 10
- Applications of Mathematics 10
- Principles of Mathematics 10
- Adult Basic Education MATH 071 and MATH 072

Or a minimum of 80% on the ABLE Mathematics test. Test scores are only good for two (2) years.

- Excel Level One or successful completion of Excel Level One online assessment.
- For applicants whose first language is not English, a TOEFL score of at least 550 (paper-based), 213 (computer-based) or 79 (Internet-based), or an overall band score of 6.5 on the academic version of IELTS is required. (Applicants who have successfully completed a diploma or degree from an accredited institution at which English is the language of instruction may submit their academic transcript for review by Okanagan College. Subject to verification, this diploma or degree may be used to meet the English requirement for admission to Okanagan College.

Components

- PRM 111 Introduction to Project Management
- PRM 112 Initiating a Project
- PRM 113 Project Time and Cost Management
- PRM 114 Planning the Management of a Project
- PRM 115 Project Execution and Leadership
- PRM 116 Monitoring, Controlling and Closing a Project
- PRM 117 Capstone Project

Graduation Requirements

Students must pass all courses with a minimum grade of 70% in each to receive the certificate

Teaching English as a Second Language Certificate

This 140-hour certificate program consists of six core modules and the choice of a supervised practicum or a project. The program is designed to meet the needs of future English as a Second Language (ESL) teachers who are looking to work with adult learners of ESL both overseas and within Canada. The program is comprehensive in education theory and methodology and provides a hands-on approach to learning various second-language-teaching strategies. It also offers training in language principles and patterns, and addresses the application of this knowledge to the teaching of language skills, grammar, vocabulary, and pronunciation.

Admission Requirements

B.C. Secondary school graduation, or equivalent, or 19 years of age and out of secondary school for at least one year as of the first day of classes.

English Requirement:

- English 12 with minimum 70% or alternatives or a minimum grade of 60% in an English Literature or composition course at a recognized university or college in Canada.

Components

- TESL 151 Teaching English as a Second Language
- TESL 141 Cross-Cultural Communication
- TESL 123 Language Skills Development: Reading and Writing
- TESL 132 Language Skills Development: Speaking and Listening
- TESL 114 Teaching Pronunciation and Vocabulary
- TESL 115 Teaching Grammar
- TESL 116 Supervised Practicum
- TESL 117 Project
Graduation Requirements

Students must complete the six core courses with a minimum passing grade of 60% on each course and receive a pass on the practicum or project courses.

Teaching English to Speakers of Other Languages Certificate

The 160-hour Teaching English to Speakers of Other Languages (TESOL) certificate is designed for international students who live outside of Canada, have a competent understanding of English and are teaching English to non-English speaking students. This program explores the theories, techniques and methods of teaching the four basic language skills; listening, speaking, reading and writing. The basic grammatical, lexical and phonetic systems of the English language are also studied, with the end goal of supporting students in being able to identify underlying concepts for application in a principled way. The communicative approach is emphasized through examination of communicative methodologies, practices and procedures. Intercultural competence and awareness are also included in the program. Upon successful completion of the program, graduates will receive an Okanagan College certificate.

This TESOL Certificate is for non-residents of Canada. For residents of Canada, please refer to the Teaching English as a Second Language (TESL) Certificate program.

General Admission Requirements

Documentation confirming status as a current EFL teacher who has a minimum of 50 hours teaching EFL.

Applicants must submit documentation of one of the following:

- TOEFL score of at least 550 (paper based), 213 (computer based), or 79 (internet based)
- An overall band score of 6.5 on the academic version of IELTS
- Transcript showing completion of an English Literature or composition course with a minimum grade of 60% at a recognized university or college where English is the medium of instruction.

Program Outline

- TEOL 100 Cross-cultural Communication - Concepts
- TEOL 101 Cross-cultural Communication - Classroom Implications
- TEOL 102 Overview of TESOL
- TEOL 103 Teaching and Learning
- TEOL 104 Teaching Listening
- TEOL 105 Teaching Speaking
- TEOL 106 Teaching Vocabulary
- TEOL 107 Teaching Pronunciation
- TEOL 108 Grammatical Concepts
- TEOL 109 Teaching Grammar
- TEOL 110 Teaching Reading
- TEOL 111 Teaching Writing
- TEOL 112 Capstone

Graduation Requirements

Students must pass each course with a minimum grade of 70% to receive a certificate.

Viticulture Certificate (see Food, Wine and Tourism)

Please see Viticulture Certificate.

Wine Sales Certificate (see Food, Wine and Tourism)

Please see Wine Sales Certificate.

Winery Assistant Certificate (see Food, Wine and Tourism)

Please see Winery Assistant Certificate.

LPN Orthopaedic Certificate

This 635-hour certificate provides Licensed Practical Nurses (LPN) with advanced knowledge and skills for
an orthopaedic career working directly with nurse practitioners and medical practitioners.

Students will further their LPN training of anatomy, physiology, and pathophysiology in relation to orthopaedics in acute, trauma, and post-surgical settings. LPN skills will be enhanced to become competent in orthopaedic radiology, assessments, application and removal of casts, splints and braces. This program covers specialized orthopaedic procedures, including wound care, how to operate and adjust traction equipment, and patient-care teaching specific to orthopaedics.

This program provides a balance of both theory and hands-on experience. During the practicum, students will perform casting and splinting techniques, fit orthopaedic devices, and other duties performed in three areas of practice (cast clinic, ambulatory care units, and emergency rooms).

**Admission Requirements**

- Active practicing license with respective provincial professional body (LPN)
- Proof of a minimum of two years, full-time equivalent, acute care experience
- Provide a written agreement of a practicum placement by an orthopaedic unit manager
- Current CPR Level C (This must be maintained throughout the program.)
- Either a current Red Cross Standard First Aid or St. John Ambulance Standard First Aid (This must be maintained throughout the program.)
- A criminal record check clearance from the B.C. Ministry of Public Safety and Solicitor General's Criminal Records Review Office. Okanagan College’s admission offices will provide applicants with instructions and forms for applicants to submit to the Solicitor General’s Office and a deadline for the College to receive the clearance letter. Applicants should only initiate their criminal record check when instructed by Admissions. Failure to provide a clearance letter by the deadline will result in a cancellation of the applicant’s admission application.

Proof of one of the following:

- Wound-care competency (written letter from a clinical manager)
- Wound-care training within the last two years

**Program Requirements:**

- Results of tuberculin testing done no more than six months before the date of application, with evidence of appropriate follow up if the test was positive.
- Up-to-date Immunization Record based on vaccinations listed below. Please provide a photocopy of your completed immunization record; this record will be kept in your student file. Applicants are advised that, if they choose not to complete this recommended immunization schedule, any outbreak of an infectious disease can have serious implications for their practice experience because of a requirement by the Health Authority that all those not immunized remain outside of the practice area.

1. Tetanus and Diphtheria Toxoid (Td) - Booster doses of Td are recommended every 10 years, or as a minimum at least once during adult life.
2. Measles Vaccine - If born between 1957 and 1970, you should have proof of two live measles vaccinations, documentation of physician-diagnosed measles or laboratory evidence of immunity. If you already received one dose of measles vaccine, a second dose of vaccine is recommended and is given as Measles Mumps (MMR) vaccine.
3. Polio Vaccine - Primary immunization with inactivated poliomyelitis vaccine (IPV) is indicated for all who have not had a primary course of poliovirus vaccine (OPV or IPV). If you have not been given a full primary course, you should have the series completed with IPV regardless of the interval since the last dose. Booster doses of IPV are not required in Canada.
4. Rubella Vaccine - If you do not have documented immunity as described above under Measles, you should be vaccinated with MMR, unless there are contraindications.
5. Hepatitis B Vaccine - Recommended because of potential exposure to blood or body fluids, as well as increased risk of penetrating injuries.
6. Varicella Vaccine - Indicated for those who do not have either reliable history of disease or serologic evidence of immunity.
7. Flu Immunization - Annual Flu immunization is recommended.

**Program Outline**

ORTH 110 Orthopaedic Anatomy and Physiology

ORTH 111 Orthopaedic Pathophysiology and Nursing Interventions
ORTH 112 Orthopaedic Specialty Skills
ORTH 113 Practicum Preparation
ORTH 114 Practicum

Graduation Requirements

Students must pass the practicum and attain a minimum grade of 70% in each of the other courses in the program.
COURSE DESCRIPTIONS

Not all centres offer all courses listed in the calendar and courses may vary each semester. Contact your local Okanagan College campus for up-to-date course offerings.

Definitions for understanding course descriptions

Concurrent Registration: Compulsory registration for credit (audit registration is specifically precluded) in two or more courses at the same time even though one or more of the courses may have been previously successfully completed.

Corequisite: A course required to be taken at the same time as another course (audit registration is precluded) unless the course has been successfully completed before.

Prerequisite: A course that must be successfully completed before registration in a given course. Courses without a prerequisite statement indicate that no prerequisite is required for enrolment.

Second-year Standing: Second-year standing requires successful completion of a minimum of 24 credits at the 100 level or above.

Third-year Standing: Students will be granted third-year standing after completing 48 credits towards a diploma or degree program.

Fourth-year Standing: Students will be granted fourth-year standing after completing 78 credits towards a degree program.

Prerequisite Waiver: Students who wish to have the course prerequisite waived, as indicated in this calendar, must receive permission from the department offering the course. A prerequisite waiver form must be signed by the department and forwarded to the Registrar’s Office.

Credit: A credit is an assigned unit of value granted for successful completion of a course, which are used for diploma, and degree graduation requirements and/or transfer credit to another institution.

Elective: A course freely chosen from a restricted list of all Okanagan College courses, which is used to fulfill credit requirements in addition to the courses specified in the program outline.

First-year Student (associate degree and diploma programs): A student who meets the admission requirements for a specific program; has applied and been formally admitted to that program; is registered in one or more courses which are identified as constituting the first-year requirements of that particular program; and has completed fewer than 80% of the credits or hours toward the first-year requirements of that program.

Second-year Student (associate degree and diploma programs): A student who meets the entrance requirements for a specific program; has applied and been formally admitted to that program; is registered in one or more courses which are identified as constituting the first-year requirements of that particular program; and has completed 80% or more of the credits or hours towards the first-year requirements of that program.

Full Course Load: For degree programs (years one to four), 15 credits per semester. For diploma and vocational programs, all courses listed in the program outline in this calendar on a semester basis.

Full-time Enrolment:

- Associate of Arts or Associate of Science: nine credits
• Adult Academic and Career Preparation: three or more courses or 15 hours of instruction per week.
• International Education: one ESL course
• Business Administration diploma program: four or more courses
• Business Administration certificate programs: four or more courses
• Civil Engineering Technology: five or more courses
• Computer Information Systems: four or more courses
• Electronic Engineering Technology: five or more courses
• Water Engineering Technology: five or more courses

This definition is for statistical and registration purposes only. Financial Aid recipients must comply with definitions required by Federal and Provincial guidelines.

Part-time Enrolment: Enrolment in any number of courses that is less than that indicated under the definition for Full-time Enrolment.

Registered Student: A registered student is one who has completed the admission and registration procedure and who has paid or made appropriate arrangements to pay the required fees.

Transfer Credit: Credit given by an institution for work successfully completed at a different institution.

University Transfer: Credit programs of study, generally arts and science courses, which are transferable toward degree programs at Okanagan College and other institutions.

Letter of Permission: A document issued by a dean which permits an Okanagan College student to take one or more courses at another institution to be used for credit toward an Okanagan College degree or diploma.

Transferability of Okanagan College courses: Students planning on transferring Okanagan College courses to another institution are encouraged to check the calendar of the institution to which they plan to transfer to determine the amount of transfer credit permitted in any chosen program.

Students should visit the online transfer guide at http://www.bctransferguide.ca/ for complete transfer information.

Sustainability and Courses at Okanagan College

Sustainability incorporates economic and social change to protect the natural systems of the planet, so that current and future generations may maintain or improve their quality of life.

Sustainability definition,
Okanagan College Strategic Plan 2010-2015

Sustainability-focused courses either concentrate on the concept of sustainability, including its social, economic, and environmental dimensions, or examine an issue or topic using sustainability as a lens.

Sustainability-related courses incorporate sustainability as a distinct course component or module or concentrate on a single sustainability principle or issue.

AutoCAD GIS

Aboriginal Studies

Prerequisites may be waived by the Interdisciplinary Studies department. See prerequisite waiver.

AutoCAD Skills

AD 001-70 hours
Introduction to AutoCAD Skills
This course introduces students to creating basic two-dimensional 2D drawing within AutoCAD. Drawing and editing tools, organizing drawing objects on layers, adding text and basic dimensions, and preparing to plot will be studied.

AD 002-78 hours
Applied AutoCAD Skills
This course will teach students more advanced techniques and tools within AutoCAD. Techniques and topics studied within this module include styles and advanced object tools, drawing management, conceptual design tools, layout and advanced plotting features, space planning and areas, and customization. Prerequisite: AD001 Introduction to AutoCAD Skills or equivalent.
Audio Engineering and Music Production

AEMP 110-30 hours
Introduction to Audio Engineering
This course introduces the fundamental principles of sound. Topics covered include propagation of sound and how it travels, units of measurement, sound in relation to music, harmonic content, and wave form changes.

AEMP 111-39 hours
Hearing and Music
This course explains how to interpret sounds in the environment in order to recognize and apply those elements to audio projects. Topics covered include the anatomy of the ear, hearing ranges, frequencies in relation to music, listening environments, transducers, ear training, and basic music theory.

AEMP 112-39 hours
Audio Electronics
This course covers basic electronic components within audio processing equipment. Topics covered include: electricity, impedance, circuitry, soldering, equipment maintenance and repair, and electronic signal flow.

AEMP 113-81 hours
Signal Flow and Processing
This course covers signal flow and the devices used to process sound. Topics covered include: cables, connectors, amplification, and processing devices.

AEMP 114-45 hours
Microphone Techniques
This course covers miking techniques used in various sound applications, different types of microphones, placement, phase, stereo, and surround sound. Students will use various microphones on multiple input signals to learn their applications.

AEMP 115-24 hours
Mixing and Mastering
This course explores techniques and tools used to create final sound projects. Topics include equalization, panning, balancing, depth of field, dynamics, and mastering.

AEMP 116-30 hours
AEMP Industry Standards
This course is designed to develop the student's awareness and understanding of the audio engineering and music production industry standards. Topics covered include a review of audio/music industry positions, roles and responsibilities, first impressions, teamwork, listening skills, networking, presentation techniques, self-employment, and time management.

AEMP 117-81 hours
Live Sound Engineering
This course covers the fundamentals of live sound and the duties required of a live Sound Engineer. Topics covered include PA equipment, set up, ringing out, live mixing, feedback and trouble shooting. Students will also set up and operate live audio equipment in a live show atmosphere to gain experience.

Prerequisites:
- AEMP 115¹

¹ minimum grade of 70 required

AEMP 118-30 hours
Analog Processing and Recording
This course covers analog processing and recording equipment, and techniques. Topics covered include analog recording mediums, analog recording techniques, analog processors, and the history of recording practices.

Prerequisites:
- AEMP 115¹

¹ minimum grade of 70 required

AEMP 119-84 hours
MIDI Music Programming
This course focuses on hands-on music programming utilizing MIDI (music instrument digital interface). Topics covered include MIDI routing, parameters, synchronization, messages, sampling, hardware and software, music production, step-time and real-time sequencing, and electronic music.

Prerequisites:
- AEMP 115¹

¹ minimum grade of 70 required

AEMP 120-132 hours
Digital Audio Recording
This course explores techniques and practices used in the modern music industry. Topics covered include digital audio work stations, digital recording, hybrid recording, digital processing devices, DJing hardware and hardware requirements, digital music creation and amplification, analog to digital conversion, and multimedia synchronization. Students will apply knowledge using in-class studio equipment for recording and music creation.
Prerequisites:
• AEMP 115¹

¹ minimum grade of 70 required

AEMP 121-115 hours
Applied Audio Engineering and Production
During this course students will learn and apply music
production skills and techniques. Topics covered
include pre-production and production, music theory,
copyright, fees, and royalties. Students will use an
on-site recording studio to create and record music
projects.

Prerequisites:
• AEMP 115¹

¹ minimum grade of 70 required

Aboriginal Health Worker

Aircraft Maintenance Engineer

AMEP 100
Human Factors in AME Training

AMEP 101-71 hours
Practical Use of Hand and Machine Tools

AMEP 102-49 hours
Rivet Installation

AMEP 103-80 hours
Aluminum Forming, Assembly and Repair

AMEP 104-68 hours
Structural Repair

AMEP 105
Shop Cleanup

AMEP 106A-57 hours
Electrical Components and Circuits

AMEP 106B-98 hours
Electrical Installation

AMEP 107-106 hours
Engine Maintenance

AMEP 108-58 hours
Engine Components

AMEP 109-17 hours
Safetying & Hydraulics

AMEP 121-192 hours
Supplemental Shop

Aircraft Maintenance Engineer S

AMEP 100-9 hours
Course Introduction

AMEP 104-40 hours
Theory of Flight

AMEP 102-38 hours
Blueprint & Parts

AMEP 103-64 hours
Aircraft Electricity

AMEP 104-24 hours
Non-Destructive Inspection

AMEP 105-32 hours
Tools for Aircraft Maintenance

AMEP 106-64 hours
Materials & Structures

AMEP 107-24 hours
Hydraulics

AMEP 108-64 hours
Regulations & Publications

AMEP 109-40 hours
Reciprocating Engines

AMEP 110-54 hours
Reciprocating Engine Components

AMEP 111-72 hours
Turbine Engines

AMEP 112-48 hours
Engine Auxiliary Systems

AMEP 113-32 hours
Propellers

AMEP 114-24 hours
Aircraft Handling & Inspection
AMET 115-24 hours
Aircraft Controls & Rigging

AMET 116-27 hours
Fuel & Environmental Systems

AMET 117-37 hours
Landing Gear and Dynamic Drive Trains

AMET 118-40 hours
Navigation & Communication

AMET 119-21 hours
Aircraft Auxiliary Systems

AMET 120-24 hours
Troubleshooting & Human Factor

AMET 121-48 hours
Supplemental Theory

AMET 121R
Supplemental Theory - Rewrite

Aircraft Maintenance Technician

AMT 101-10 hours
General Introduction
Orientation to Northern Lights College/Okanagan College and their policies. A general introduction to aviation, safety protocols, and procedures.

AMT 102-25 hours
Aerodynamics Fixed Wing Aircraft
A fundamental understanding of the principles, forces, and physics involved in fixed wing theory of flight.

AMT 103-40 hours
Materials Aircraft Structures
The course will provide an overview and understanding of the materials used in aviation and their applications pertaining assembly and replacement.

AMT 104-24 hours
Aircraft Hardware Approved Parts
The course will provide an understanding of numbering systems used in aviation hardware such as rivets and screws or bolts and nuts, as well as the purpose for it.

AMT 105-20 hours
Aircraft Hydraulic Pneumatic Systems
The principals involved with high and low pressure hydraulic and pneumatic systems.

AMT 106-8 hours
Aircraft Equipment Introduction
This course will provide orientation to the use of support equipment and safe practices for their use in aviation, along with the ability to marshal and move aircraft.

AMT 107-30 hours
Basic Aircraft Electricity DC
This course will provide a fundamental understanding of direct current electricity and how to work with it, test for it, and work safely.

AMT 108-14 hours
Blueprint Design
Provides the ability to read and design blueprints and explain the Air Transport Association numbering system.

AMT 109-24 hours
Hand Tools
Covers the safe, effective use of aviation hand tools and shop tooling.

AMT 110-10 hours
Aviation Math
The math required in the field of aviation for the varied calculations a technician will be required to make.

AMT 111-24 hours
Canadian Aviation Regulations 1
The course will provide an understanding of the regulations and standards pertaining to the aeronautics act as a fundamental regulatory requirement.

AMT 112-8 hours
Flight Controls Fixed Wing and Rigging
The course will provide a complete understanding of aerodynamic principles and how the flight controls of the aircraft affect and manage our flight.

AMT 113-16 hours
Flight Controls Fixed Wing and Rigging
Will provide students with an understanding of aerodynamic principles and how the flight controls of the aircraft affect and manage the flight.

AMT 114-218 hours
Practical Projects
Will allow students to demonstrate their theoretical knowledge in a practical fashion. Becoming progressively more complex throughout semester 1.

AMT 121-24 hours
Canadian Aviation Regulations 2
The course will further enhance the regulatory awareness required by the Aircraft Maintenance
Technician. It will delve into deeper standards and regulations completing the overall picture of the aeronautics act.

**AMT 122-24 hours**
**Non Destructive Testing Corrosion**
Provides the knowledge required to inspect and test various materials without causing damage.

**AMT 123-16 hours**
**Aircraft Aerodynamics Rotary**
The course will encompass all the differences from fixed wing to rotary wing principles of controlled flight.

**AMT 124-8 hours**
**Human Factors in Aviation**
The course will provide the essence of why accidents occur and how short comings as human beings plays into that.

**AMT 125-32 hours**
**Aircraft Maintenance Inspections**
The course will allow for understanding of why and how inspections are done on aircraft, including various equipment and interval requirements.

**AMT 126-16 hours**
**Basic Electricity AC**
Explains the alternating current electrical principles and provides examples of types of systems and schematics used in aviation.

**AMT 127-24 hours**
**Turbine Engine Theory**
The course will introduce the jet engine from its inception to the current day examples allowing for historical and current understanding of operation, and fuel systems that power it.

**AMT 128-32 hours**
**Piston Engines 1**
The operation of the piston engine will be covered to provide an understanding of the combustion process to extract power.

**AMT 129-54 hours**
**Reciprocating Components**
The course will expand on piston engines and add various components to the knowledge base for a complete picture of operation in an aircraft.

**AMT 130-37 hours**
**Electrical Systems**
Describes aircraft electrical systems and provides an understanding of how they are integrated into the aircraft.

**AMT 131-48 hours**
**Aircraft Projection Systems**
Provides a complete understanding of protective systems on an aircraft used for environmental conditions such as fire, ice, and rain.

**AMT 132-188 hours**
**Practical Projects 2**
Multiple projects will be experienced in the course to allow demonstration of the skills expected and needed to work efficiently and safely, covering aspects of all the theory in the semester.

**AMT 210-40 hours**
**Instrumentation and Avionics**
Explains flight deck instruments and avionics and how they operate. Differentiating between analog and new computerized displays and how to test their functions and troubleshooting.

**AMT 211-30 hours**
**Dynamic Systems**
Multiple projects will be experienced in the course to allow demonstration of the skills expected and needed to work efficiently and safely, covering aspects of all the theory in the semester.

**AMT 212-48 hours**
**Aircraft Protection Systems**
The course will provide a complete understanding of protective systems on an aircraft such as environment, fire protection, and ice and rain for safe flight.

**AMT 213-8 hours**
**Weight and Balance**
The course will explain why weight and balance affect aircraft and how to safely work when levelling or jacking aircraft.

**AMT 214-36 hours**
**Piston Engines 2**
The course will provide exposure and understanding of the various flight deck instruments and tools used when maintaining and operating piston engines.

**AMT 215-24 hours**
**Propellers**
Explains the function and operation of a propeller and how it transforms power from the engine into usable energy for flight.

**AMT 216-32 hours**
**Turbine Engine Systems**
Turbine engine fuel and ignition systems will be reviewed and explained to create the encompassing powerplant understanding of turbine engine theory, operation, systems and integrate them all.
AMT 217-24 hours  
**Landing Gear**  
The transition from ground to air in aviation being a key component of flight, various landing gear systems will be explored and learned for a broad understanding.

AMT 218-16 hours  
**Rotary Flight Controls and Rigging**  
Aircraft Maintenance Technician means a person who performs inspections and troubleshooting of an aircraft, including airframe structures, engines and aircraft systems, disassembles and removes defective parts, assembles and installs replacement parts, interprets technical manuals, drawings and blueprints, tests aircraft systems, records problems and action taken to rectify them, and maintains an accurate statement of the maintenance history of the aircraft.

AMT 219-24 hours  
**Turbine Engine Systems**  
The course will enhance turbine engine theory by exploring the associated systems that allow successful operation of the turbine engine such as oil, seals, valves, controls and more, so as to complete the cycles of operation.

AMT 220-173 hours  
**Practical Projects 3**  
Demonstration of the theories and skills discussed during the semester will be developed and assessed to a high standard to ensure excellence in the field of aviation.

AMT 221-16 hours  
**Canadian Aviation Regulations 3**  
The course will further enhance the regulatory awareness required by the Aircraft Maintenance Technician. It will delve into deeper standards and regulations completing the overall picture of the aeronautics act.

AMT 222-439 hours  
**Practical Projects 4**  
The student when having completed this portion of the program will be able to describe and apply the operations of an aircraft maintenance organization. The skills practiced and demonstrated will allow them to be employed in the field of Aircraft maintenance with a fundamental skillset, and equally important is the correct mindset so as to avoid human error in work practices.

**Animation**

**ANIM 101-0**  
**Co-op Work Term**

Prerequisites:
- Be registered full-time in the Animation program.
- Successfully complete all first-year courses in the Animation program with a minimum grade of 60%.

**ANIM 111-3-6**  
**Life Drawing I**  
Students are introduced to the life drawing as an independent art form and as a critical component of the effective development of believable animation. Emphasis is placed on observational drawing skills through a series of demonstrations, drawing techniques, and structural drawings of basic human anatomy. (3,3,0)

Prerequisites:
- Admission to Animation Diploma Program

**ANIM 112-6-12**  
**Animation Principles I**  
Students are introduced to the basic principles common to all styles of animation. The most important foundational concepts of acting, physics, composition, body mechanics and texture will be examined through a series of character animation exercises. Industry standard digital tools and methodologies are used to produce both 2D and 3D animation in a variety of styles. (6,6,0)

Prerequisites:
- Admission to Animation Diploma Program

**ANIM 114-1.5-3**  
**Layout and Design I**  
Students are introduced to the role that perspective, composition, and design play in the productions of layouts for animation. Studies include how perspective is used to establish depth and points of view (POV). The principles of composition are studied in relations to their role in visual storytelling and staging the layout. The functional aspects of the layout are introduced, as well as the use of the field guide in planning basic camera moves. Principles of location design is explored and digital methodologies are introduced in the production of functional layouts. (1.5,1.5,0)

Prerequisites:
- Admission to Animation Diploma Program

**ANIM 116-1.5-3**  
**Character Design I**  
Students are introduced to the principles of elementary character design. Emphasis is placed on fundamental design principles, learning to use and manipulate basic 3 dimensional shapes, and
integrating knowledge of human anatomy into character design. (1.5,1.5,0)

Prerequisites:
• Admission to Animation Diploma Program

ANIM 120-3-3
Animation History
Students are introduced to animation’s rich history, from pre-cinema to the industry’s present state of scale and production. The evolution of animation and how technology, economics, artistic trends, individual artists and national cultures have affected its development are examined. Various films and filmmakers are analyzed to provide a context for the principles taught in this and other courses with the program. (3,0,0)

Prerequisites:
• Admission to Animation Diploma Program

ANIM 121-3-6
Life Drawing II
Advanced drawing techniques are explored through a series of demonstrations including an in-depth study of light and shadow and its role in defining form. Students examine the figure in context to the environment using principles of linear perspective, and are introduced to the concept of economy of expression through anatomical simplification. A study of musculature builds on first semester skeletal knowledge. Various animals are sketched during a series of field studies, enabling students to compare and contrast human and animal anatomy, form and movement. (3,3,0)

Prerequisites:
• ANIM 111

ANIM 122-6-12
Animation Principles II
Student expand on the skills learned in Animation Principles I with exercises emphasizing the analysis and adaptation of reference footage for details and performance. Exercises include animating complex body mechanics, physics and acting. The basic fundamentals of effects animation are also covered. All assignments are completed in both 2D and 3D software for a more balanced skillset. (6,6,0)

Prerequisites:
• ANIM 112

ANIM 124-1.5-3
Layout and Design II
Students further develop skills required to create industry standard layouts and effective location designs. Students analyze storyboard sequence for layout and draw from established designs to maintain visual continuity. Students are introduced to the roles that design theory, advanced perspective techniques, research skills, and lighting design play in the creation of original location designs, which serve various roles in visual storytelling and animation production. Lighting design is studied in capacity to develop framing, mood, emotion and atmosphere in layouts and location designs. Digital methodologies are used in the production of industry standard layouts and location designs. (1.5,1.5,0)

Prerequisites:
• ANIM 121
ANIM 212-6-12
Animation Principles III
Students will create animated sequences using full character dialogue and facial animation. Multi-character scenes will be introduced, employing complex composition, texture, cinematography and body mechanics. A variety of styles will continue to be practiced with a focus on the specific techniques used for cartoon styles. With the introduction of polishing, students will bring their animated assignments to a professional industry standard level of completion. (6,6,0)

Prerequisites:
• ANIM 122

ANIM 214-3-6
Layout and Design III
Students explore the roles and skill requirements of the concept artist and the visual development artist in commercial animation production. Through an examination of the productions art of various animated films, students develop both a personal style and the ability to produce work in established styles. Systematic and experimental approaches to the creative development process are introduced. Emphasis is placed on historical and architectural research. Colour theory and the use of colour as a story device is explored through its capacity to help develop framing, mood, emotion and atmosphere in environment designs. Utilizing digital drawing and painting tools, students create finished artwork that becomes a major part of their portfolios. (3,3,0)

Prerequisites:
• ANIM 124

ANIM 216-1.5-3
Character Design III
Students explore the technical aspects of digital character design. A series of exercises provide the background for the development of various characters, which are then built using digital methodologies in current industry standard 2D digital software. (1.5,1.5,0)

Prerequisites:
• ANIM 126

ANIM 217-3-6
Storyboarding III
Students are introduced to advanced methodology, theory and practices used by story artists to create storyboards at an industry standard level. Students learn to interpret a script for storyboarding. Acting performance, and creative solutions to staging are explored. Emphasis is placed on action breakdown and publishing posing. The story pitch process and its attendant constructive criticism are examined. Using digital production tools, editing methods are explored through the creation of an animatic. (3,3,0)

Prerequisites:
• ANIM 127

ANIM 221-1.5-3
Life Drawing IV
Students explore elements of personal expression and style. The style and work of past and present artists and their influence on modern art forms are studied and analyzed. Work that exhibits mastery in the drawing of the human form, draped and undraped, are introduced. Assessment of one’s own work for inclusion in a presentation portfolio is examined. (1.5,1.5,0)

Prerequisites:
• ANIM 211

ANIM 222-6-12
Animation Principles IV
Advanced acting utilizing both body language and facial expressions will be explored. Students are introduced to complex animation studies which replicate the studio experience. There is a strong focus on animating animals commonly used in animated entertainment. Multi-character scenes will continue to be explored. The development of both 2D and 3D skills will continue. Professional studio procedures, practices and etiquette will be explored. (6,6,0)

Prerequisites:
• ANIM 122

ANIM 230-6-12
Demo Reel Production
In this course, students integrate all of the concepts, principles and applied skills developed throughout the program. Under the guidance of the instructor, students design and develop an industry-focused portfolio and demo reel that targets a specialized area of production chosen by the students. Guest speakers from the industry who are experts in their craft provide mentorship and critical portfolio feedback. Analytical skills and the objective evaluation of one’s own work are fostered through regular peer review and group critique sessions. Digital methodologies and techniques required to assemble, edit and composite the final demo reel are examined. (3,9,0)

Prerequisites:
• ANIM 211 and ANIM 212 and ANIM 214 and ANIM 216 and ANIM 217
Anthropology

Prerequisites may be waived by the Anthropology department. See prerequisite waiver.

ANTH 103-3-3
Introduction to Archaeology
The material in this course examines what archaeologists do, as well as how and why they do it. Archaeological techniques such as stratigraphy, sampling, dating, and excavation are defined and their applications investigated. Discussions will include the importance of the past to the modern world, recognition of different stakeholder’s viewpoints, and the ethics of preserving and studying archaeological remains. (3,0,0)

Also offered by Distance Education

ANTH 111-3-3
Introduction to Biological Anthropology
The basic concepts and ideas in biological anthropology are covered in a survey of evolutionary theory, genetics, non-human primates, and their behavior, hominin evolution, population dynamics and variations, medical anthropology, and the evolution of human behavior. This course includes the application of anthropological analysis, concepts, and theories, and evaluation of different theoretical approaches and interpretations. (3,0,0)

ANTH 121-3-3
Introduction to Cultural Anthropology
This course is an overview of cultural anthropology and its specializations. Examples, drawn from around the world, illustrate the diversity, similarities, and differences existing in gender, kinship and marriage, and social, economic, political, and religious systems. The methods, theories, and empirical findings discussed and examined will lead to a greater understanding of our own cultural background from a comparative perspective. (3,0,0)

Also offered by Distance Education

ANTH 170-3-3
Introduction to Linguistic Anthropology
Verbal and nonverbal communication systems are explored, with an emphasis on the variety which exists in human cultures. Analytical tools used by linguistic anthropologists to document and study languages will be introduced. The impact of colonialism on traditional languages, language loss, and revitalization will lead to critical analysis of what happens when cultures come into contact with one another. (3,0,0)

ANTH 180-3-3
Communicating Across Cultures
This course provides an applied approach to improving cross-cultural interactions. It is useful to students in human services, health, business, and education who require cross-cultural competence. This course also provides International students with a supportive atmosphere and interactive opportunity to share their cultural and linguistic knowledge. (3,0,0)

ANTH 203-3-3
Archaeological Interpretation
The investigation, reconstruction, and interpretation of the archaeological record is explored, focusing on middle range theory. The use of analogy, ethnoarchaeology, and experimental archaeology will be addressed. This is a practical, 'hands-on' course, and the class will work through examples of the types of problems that archaeologists face in the field and lab. (3,0,0)

Prerequisites:
- ANTH 103

ANTH 211-3-3
Indigenous Peoples of North America
This course is designed to provide an ethnographic and ethnohistoric study of North American native peoples, with primary reference to Canada. Prehistoric lifeways of indigenous inhabitants including a survey of the people and cultures found in North America at the time of contact are examined. Technology, art, religion and social organization will be emphasized. A short discussion of contact and acculturation as well as current native issues will be presented. (3,0,0)

Prerequisites:
- ANTH 121

ANTH 212-3-3
Indigenous Peoples of BC Coast
This course is an introduction to the Native cultures of the BC coast. Topics to be discussed include prehistory, language, subsistence and settlement patterns, material culture, social organization, religion, ceremonialism and traditional art forms. (3,0,0)

Prerequisites:
- ANTH 121

ANTH 213-3-3
Women in Cross-cultural Perspective
This course includes an exploration of topics from anthropology focusing on explanations, in current and historical perspective, for variations in the situation of women. This course is also offered as GSWS 213.
Students with credit for WMST 213 or GSWS 213 cannot take ANTH 213 for further credit. (3,0,0)

Prerequisites:
• ANTH 121 or WMST 100 or GSWS 100

**ANTH 214-3-3**  
**The Family in Cross-cultural Perspective**  
This course provides a cross-cultural comparison of family and kinship to give students an understanding of variations in the structure and meaning of marriage relations; forms of domestic organization; and the sexual division of labour, property and inheritance. (3,0)

Prerequisites:
• ANTH 121

**ANTH 215-3-3**  
**Religion in Cross-cultural Perspective**  
The anthropological approach to the study of religion, myth, and ritual is this course's focus. Belief systems and spirituality in Australian Aboriginal cultures are examined first, followed by the traditional practices of Native North America and Africa. World religions (Hinduism, Buddhism, Judaism, Christianity, and Islam) are also covered. Students with credit for ANTH 295 (Topic: Religion in Cross-cultural Perspective) cannot take this course for additional credit. (3,0,0)

Prerequisites:
• ANTH 121

**ANTH 218-3-3**  
**Anthropology and Modern Society**  
Anthropology and archaeology have a prominent public image, but many people have perceptions of these fields which are inaccurate. This course examines some of the uses, abuses, and (mis)conceptions about anthropology and archaeology. Examples of topics covered include the role of anthropology and archaeology in nationalism and the media, the antiquities trade and looting, and the debate surrounding cultural resources. Students with credit the ANTH 295 (Topic: Anthropology and Modern Society) cannot take this course for additional credit. (3,0,0)

Prerequisites:
• ANTH 103 or ANTH 111 or ANTH 121 or ANTH 170

**ANTH 219-3-3**  
**Cultures of the Middle East**  
An overview of the cultural differences within and brief history of the Middle East is given, followed by a study of specific cultural aspects. Religious and ethnic diversity, impact of the West and modernization, stereotyping, tradition, education, family structure and values, gender, media, and life in the city, town and village will all be examined. Students with credit for ANTH 295 Topic: Cultures of the Middle East cannot take this course for credit. (3,0,0)

Prerequisites:
• ANTH 121

**ANTH 222-3-3**  
**Indigenous Peoples of the BC Interior**  
An introduction to the traditional cultures of the BC Interior: the Athapaskans, the Kutenai and the Interior Salish. Topics include prehistory, language, subsistence and settlement patterns, material culture, social organization, religion and ceremonialism, and traditional art forms. (3,0,0)

Prerequisites:
• ANTH 121

**ANTH 227-3-3**  
**Culture, Health and Illness**  
This course is an introduction to the discipline of Medical Anthropology and provides an overview into the relationship of ecology, evolution, biology, and culture as each contributes to issues such as what it means to be healthy, why people become ill, and how people respond to sickness and disease. The course examines health as a human adaptation to the environment. (3,0,0)

Prerequisites:
• ANTH 121

Also offered by Distance Education

**ANTH 230-3-3**  
**Anthropology of Art**  
This course provides an introduction to the anthropological study of visual arts, including pictorial and sculptural arts, verbal arts, music, dance and theatre. Through lectures, discussions and films, students will be introduced to the forms and meanings of art across a wide variety of cultures. (3,0,0)

Prerequisites:
• ANTH 121

Also offered by Distance Education

**ANTH 231-3-3**  
**Archaeology Field School I**  
A summer course on archaeological field techniques. Practical application of archaeological inquiry, including reconnaissance survey, photography,
mapping, excavation, and artifact analysis. Duration, hours and location of the field school will vary depending on the particular project. (3,0,0)

Prerequisites:
- ANTH 103

Corequisites:
- ANTH 232

ANTH 232-3-3
Archaeology Field School II
A summer course on archaeological field techniques and a continuation of ANTH 231. Practical application of archaeological inquiry including reconnaissance survey, photography, mapping, excavation, and artifact analysis. Duration, hours and location of the field school will vary depending on the particular project. (3,0,0)

Prerequisites:
- ANTH 103

Corequisites:
- ANTH 231

ANTH 241-3-3
Archaeology of the Americas
This course introduces prehistoric cultures in North and South America up to the time of European settlement, emphasizing the overall patterns of prehistoric culture change. Topics may include: evidence for early humankind in North and South America; the significance of plant and animal domestication; the rise of civilizations in Mesoamerica and the Andes; prehistoric British Columbia and northern Canada. (3,0,0)

Prerequisites:
- ANTH 103

ANTH 245-3-3
Culture and the Environment
This course addresses contemporary and historical environmental issues arising from the relationship of human societies to the physical landscapes in which they live. Foraging adaptations, agriculture, fishing, trade, industrialization, urbanization, tourism, conservation and biotechnology are examined in their global and local contexts. Environmentalism is examined as a global social movement. (3,0,0)

Prerequisites:
- ANTH 121

Also offered by Distance Education

ANTH 245-3-3
Culture and the Environment
This is a general-interest survey course of the peoples and cultures of prehistory. Topics include the Paleolithic, Mesolithic, and Neolithic as well as the dispersal of humans over the world and resultant cultural diversity. The course concludes with the transition to civilization at the emergence of state level societies. (3,0,0)

Prerequisites:
- ANTH 103

ANTH 251-3-3
World Prehistory
This is a general-interest survey course of the peoples and cultures of prehistory. Topics include the Paleolithic, Mesolithic, and Neolithic as well as the dispersal of humans over the world and resultant cultural diversity. The course concludes with the transition to civilization at the emergence of state level societies. (3,0,0)

Prerequisites:
- ANTH 103

ANTH 253-3-3
Ancient Egypt
The archaeology of Egypt from the Neolithic period to the Roman conquest is the focus of this course. The growth of agriculture and development of complex society during the Predynastic and Early Dynastic Periods will be emphasized. Domestic, religious, and mortuary Archaeology and art are placed within their cultural contexts. Students with credit for ANTH 295 (Topic: Ancient Egypt) cannot take this course for additional credit. (3,0,0)

Prerequisites:
- ANTH 103

ANTH 255-3-3
Palaeoanthropology
Hominid biological/anatomical evolutions and adaptation, in particular those of genus Homo, are the focus of this course. The relationships between physical changes and the development of culture within an environmental context will be covered. Discussions will include recent debates and discoveries in palaeoanthropology, and their implications. (3,0,0)

Prerequisites:
- ANTH 111

ANTH 260-3-3
Ethnobotany: Plants and People
This course introduces students to the discipline of ethnobotany, the study of people's use, classification and management of plants. It traces the beginnings of ethnobotany, examines fundamental principles and practices, and explores the diverse relationship between people and plants, including the use of plants for food, medicine and materials, and the role of plants in ritual and religion. (3,0,0)

Prerequisites:
- ANTH 121
- second-year standing
ANTH 270-3-3
Phonology
This course is a cross-cultural exploration of how the sounds of language are produced (articulatory phonetics), and how sounds are organized into the sound systems of individual languages (phonemics). The history of phonological theory, and the method for discovering the phonemic system of individual languages (phonological analysis) will be studied. (3,0,0)

Prerequisites:
• ANTH 170

ANTH 283-3-3
Globalization & Resistance
Globalization and culture intersect in multiple and complex ways. The aim of this course is to investigate the impact of globalization on the lives of individuals, families, and cultures. It will examine how people adapt to a rapidly changing world, and how they act individually and collectively to resist the forces of globalization. This topic will be approached through a variety of readings and films, with an emphasis on ethnography, in order to highlight the voices of the individuals and better understand the impact of global forces at the local level. (3,0,0)

Prerequisites:
• ANTH 121

ANTH 295-3-3
Special Topics in Anthropology
This course covers current issues in specific topics in Anthropology. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• will vary with the topic, contact the department

ANTH 298-3
Directed Studies
Students will undertake a supervised investigation, research project, or directed reading in anthropology or archaeology. A project proposal, progress report, and final written report will be produced by the student. The topic will be agreed upon by the supervising faculty member and the student. This course may be repeated, for credit, with different topics.

Prerequisites:
• ANTH 103 or ANTH 111 or ANTH 121 or ANTH 170

Automotive Refinishing

AREF 101-36 hours
Use Safe Work Practices
This course introduces students to safe work practices and to the WCB Occupational Health and Safety Regulations relating to safety procedures in the Automotive Refinishing Industry.

AREF 102-54 hours
Tools and Equipment

AREF 103-192 hours
Surface Preparation

AREF 104-30 hours
Sheet Metal Repair
This course involves minor sheet metal repair techniques that are performed in the automotive refinishing industry.

AREF 105-30 hours
Plastics and Composites
This course involves minor plastic and composite repair techniques to various substrates.

AREF 106-60 hours
Undercoats
This course exposes the students to the types, proper usage, and application techniques of the various types of automotive undercoats used in the refinishing process.

AREF 107-120 hours
Topcoats
This course exposes the students to the types, proper usage, and application techniques of the various types of automotive topcoats used in the refinishing process.

AREF 108-72 hours
Spot Repairs
This course involves techniques in performing spot repairs and blending.

AREF 109-42 hours
Pre-Delivery
This course exposes the student to the steps and techniques in preparing a refinished vehicle for delivery to the customer.

AREF 110-18 hours
Preparation for Employment
This course involves the preparation and review of resumes and exposes the student to job interview procedures.
AREF 111-6 hours
Automotive Refinishing Prep Technician Final Exam
This course involves curriculum review, preparation for final exam and completion of the Collision Repair Level 1 Exam.

Arts field placements

ARTS 498-9-1.5
Field Placement
This course provides students with opportunities to integrate their learning from previous semesters in the applied degree program and to use this knowledge in an applied setting. The activities and area(s) of focus will be designed in consultation with faculty, and are intended to be congruent with the area of study in the student's Capstone Project. Students will engage in this field placement on an unpaid basis and under supervision of the agency or organization. Students develop their knowledge, skills, and abilities in a variety of practical settings and gain professional experience in the field on topics related to the applied degree program and student area(s) of focus. It is anticipated that 36 hours of field experience will take place over the fall and winter semesters, and students will participate in seminars as determined by faculty. (1.5,0,0)

Prerequisites:
- SOCW 320, 4th year standing, and admission into Applied Degree Program.

ARTS 499-6-4
Capstone Project
In this course, students undertake a supervised capstone project which develops from their practicum placement. Students investigate a research problem that involves generation of original data and they will submit a written report of their findings. (4,0,0)

Prerequisites:
- ARTS 498, 4th year standing and Admission into Applied Degree Program.

American Sign Language

Automotive Service Technology

ASTD 100-30 hours
Workplace Safety-Related Functions
Students learn the safety related items that are part of the daily operation in an automotive service and repair environment. Students will develop a safety plan for their shop environment.

ASTD 101-120 hours
Automotive Tools and Equipment
Students learn the tools and equipment used in and that are part of the daily operation in an automotive service and repair environment.

ASTD 102-30 hours
Math for Automotive Systems
Students learn the math principles used in automotive service and repair systems and the math principles for simple business calculations used in an automotive service and repair facility.

ASTD 103-30 hours
Automotive Information Systems
Students learn the information systems and resources used in automotive service repair.

ASTD 104-180 hours
Automotive Electrical Systems I
Students learn the electrical fundamentals and basic electrical systems used in automotive service and repair. Students demonstrate electrical fundamentals and testing procedures to troubleshoot basic electrical systems.

ASTD 105-60 hours
Technical Communication for Automotive Systems
Students learn the technical communication skills in automotive service and repair. Students will demonstrate skills to effectively communicate both orally and in written manner using methods used in an automotive service and repair setting.

ASTD 106-60 hours
Automotive Driveline Systems I
Students learn the drive line systems used in automotive service and repair including manual transmissions and transaxles and clutches. Students demonstrate the ability to test and troubleshoot drive line systems.

ASTD 107-30 hours
Automotive Body Components
Students learn the body components, moveable glass and trim systems used in automotive service and repair. Students will service and repair body, moveable class and trim used on vehicles.

ASTD 108-60 hours
Automotive Chassis Systems I
Students learn the systems used in automotive chassis service and repair. Students will service and repair automotive chassis systems.

ASTD 109-90 hours
Automotive Brake Systems I
Students learn the systems used in automotive brake
service and repair. Students then demonstrate the skills to service and repair automotive brake systems.

**ASTD 110-90 hours**  
**Automotive Steering and Control Systems I**  
Students learn the systems used in automotive steering and control systems service and repair. Students then demonstrate the skills to service and repair automotive steering and control systems.

**ASTD 111-90 hours**  
**Automotive Suspension and Control Systems I**  
Students learn the systems used in automotive steering and control systems service and repair. Students then demonstrate the skills to service and repair automotive steering and control systems.

**ASTD 112-30 hours**  
**Automotive Maintenance**  
Students learn the systems used in automotive maintenance service and repair. Students will perform automotive maintenance service and repair.

**ASTD 200-90 hours**  
**Automotive Business Practices I**  
Students learn business practices used in the automotive service repair industry. The student will use basic computer skills using industry software and word processing and spreadsheet software to complete estimates, quotes, invoices and reports.

**ASTD 201-60 hours**  
**Automotive Electronic System I**  
Students learn basic electronic theory and applications for automotive systems. Students will perform basic troubleshooting using test equipment on electronic systems used in automotive applications.

**ASTD 202-120 hours**  
**Automotive Engine Systems**  
Students learn internal combustion engine theory and applications used in automotive systems. Engine disassembly, measurement and analysis, reassembly and engine startup will be performed.

**ASTD 203-30 hours**  
**Automotive Brake Systems II**  
Students learn internal combustion engine theory and applications used in automotive systems. Engine disassembly, measurement and analysis, reassembly and engine startup will be performed.

**ASTD 204-30 hours**  
**Automotive Chassis Systems II**  
Students learn advanced chassis system theory and applications used in automotive systems including electric and electronic steering and computer controlled suspension systems.

**ASTD 205-60 hours**  
**Automotive Driveline Systems II**  
Students learn advanced Driveline system theory and applications used in automotive systems including automatic transmission and transaxles.

**ASTD 206-60 hours**  
**Automotive Electrical Systems II**  
Students learn advanced electrical system theory and applications used in automotive systems including headlight, wiper, power window, power door lock and infotainment systems.

**ASTD 207-90 hours**  
**Automotive Engine Management**  
Students learn the engine management systems and applications used in an automobile including fuel systems, port fuel injection and gasoline direct injection systems.

**ASTD 208-90 hours**  
**Automotive Electronic Systems II**  
Students learn advanced electronic systems and applications used in an automobile including understanding scan tool functions, OBDII modes, and oscilloscope usage.

**ASTD 209-90 hours**  
**Automotive Diesel Engine Systems**  
Students learn the diesel engine systems and applications used in an automobile including diesel fuel systems, low pressure and high pressure systems.

**ASTD 210-60 hours**  
**Automotive Business Practices II**  
Students learn the systems and applications used in an automobile environment including basic management and scheduling, analyzing simple reports and assessing the shop environment.

**ASTD 211-60 hours**  
**Technical Writing for Automotive Systems**  
Students learn the technical writing theory and application used in an automobile service environment including writing a business letter, writing an e-mail and using other writing methods to effectively operate an automotive service and repair facility.

**ASTD 212-60 hours**  
**Automotive Hybrid Electric Vehicle Systems**  
Students learn the Hybrid, Hybrid/Electric and Electric vehicle theory and application used in automobiles including hybrid and electric vehicle safety and modes of operation.
Astronomy

Prerequisites may be waived by the Physics and Astronomy department. See prerequisite waiver.

ASTR 110-3-5.5
Astronomy for the Physical Sciences I
with laboratory component

This course is for students entering the physical sciences or engineering and is an introduction to contemporary astronomy emphasizing the solar system. This course begins with topics in physics used by astronomers which include general principles of the celestial sphere, laws of motion, light and optics. Observational techniques using earth-based telescopes, artificial satellites and inter-planetary probes will be discussed. The second part of the course is an examination of the planets, moons and smaller bodies in our solar system. Throughout the course historical perspectives will be added. Students may have the opportunity for some observational work. This course has a three-hour bi-weekly laboratory and satisfies the three credits of science lab requirement for graduation in Arts. The one-hour seminar will cover mathematical astrophysics.

(Credit will only be granted for one of ASTR 110, 111 or 112.)

A three-hour lab is offered on alternate weeks.

(3,1.5,1)

Prerequisites:
• ABE MATH 012 or Pre-Calculus 12
• ABE PHYS 011 or Physics 11

ASTR 111-3-4.5
Astronomy I
with laboratory component

This course is an introduction to contemporary astronomy emphasizing the solar system and begins with topics in physics used by astronomers including general principles of the celestial sphere, laws of motion, light and optics. Observational techniques using earth-based telescopes, artificial satellites and inter-planetary probes will be discussed. The second part of the course is a detailed examination of the planets, moons and smaller bodies in our solar system. Throughout the course historical perspectives will be added. Students may have the opportunity for some observational work. This course does not satisfy the science lab requirement for graduation in Arts. Science students cannot use this course for science credit towards their degree.

(Credit will only be granted for one of ASTR 110, 111 or 112.) (3,0,0)

Prerequisites:
• a minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11 is strongly recommended.

ASTR 120-3-5.5
Astronomy for the Physical Sciences II
with laboratory component

This course is for students entering the physical sciences or engineering and is an introduction to contemporary astronomy emphasizing modern stellar, galactic and extragalactic astronomy. Topics include stars and stellar evolution from protostars to black holes; galaxies, clusters of galaxies and quasars; the large-scale structure of the universe and cosmology. Special and general relativity are discussed in an elementary fashion. Throughout the course historical perspectives will be added. Students may have the opportunity for some observational work. This course has a three-hour bi-weekly laboratory and satisfies three credits of the science lab requirement for graduation in Arts. The one-hour seminar will cover mathematical astrophysics. (Credit will only be granted for one of ASTR 120, 121 or 122.) (3,1.5,1)

Prerequisites:
• ASTR 110

ASTR 121-3-4.5
Astronomy II
with laboratory component

This course is an introduction to contemporary astronomy emphasizing modern stellar, galactic and
extragalactic astronomy. Topics include stars and stellar evolution from protostars to black holes; galaxies, clusters of galaxies and quasars; the large-scale structure of the universe and cosmology. Special and general relativity are discussed in an elementary fashion. Throughout the course historical perspectives will be added. Students may have the opportunity for some observational work. This course has a three-hour bi-weekly laboratory and satisfies three credits of the science lab requirement for graduation in Arts.

(Credit will only be granted for one of ASTR 120, 121 or 122.) (3,1.5,0)

Prerequisites:
• Mathematics 11 and ASTR 111 or 110 are strongly recommended

ASTR 122-3-3
Astronomy II
without laboratory component

This course is an introduction to contemporary astronomy emphasizing modern stellar, galactic and extragalactic astronomy. Topics include stars and stellar evolution from protostars to black holes; galaxies, clusters of galaxies and quasars; the large-scale structure of the universe and cosmology. Special and general relativity are discussed in an elementary fashion. Throughout the course historical perspectives will be added. There is no laboratory with this course and this course does not satisfy the science lab requirement for graduation in Arts. Science students cannot use this course for science credit towards their degree.

(Credit will only be granted for one of ASTR 120, 121 or 122.) (3,0,0)

Prerequisites:
• a minimum of 50% in any of Pre-calculus Grade 11, Foundations of Mathematics Grade 11, or Apprenticeship and Workplace Mathematics Grade 11 is strong recommended. A minimum of 50% in one of ASTR 110, 111, 112 is also recommended.

ASTR 220-3-3
Astrobiology

In this course, students will address the three great questions of astrobiology: Where do we come from? Where are we going? Are we alone in the Universe? We now have the framework and technological tools to grapple with these ancient questions scientifically. The Copernican and Darwinian revolutions forever altered our view of Earth’s place in the solar system and role in sustaining and promoting life. The discovery of planets beyond our solar system and the discovery of life in extreme environments on Earth have greatly expanded our understanding of habitable zones in the Universe. Students will use the disciplines of astronomy, biology, chemistry, geology and physics in a truly interdisciplinary way to examine the conditions required for the evolution of life in the Universe. (3,0,0)

Prerequisites:
• second-year standing

Autism Spectrum

AUSP 111-15 hours
An Overview of the Spectrum
This course is designed to give participants a thorough overview of the Autism Spectrum Disorder (ASD). Various topics will be discussed: the changing definition and treatment of autism in recent history, the complex process of diagnosis, and some of the real challenges in assessing and understanding the very different capabilities of persons living with autism. Participants will take part in a series of activities to better understand the unique communication, social and sensory challenges that persons with autism face on a daily basis.

AUSP 121-18 hours
Every Day on the Autism Spectrum
This course will deal with common everyday issues such as: dressing, eating and sleeping behaviours/routines, sensory challenges, toileting challenges, anxiety behaviors, sexual health education, accessing and sharing in public spaces and outings, and building positive social connections with the community.

AUSP 131-18 hours
How to Information Share and Provide Good Care
This course deals with information sharing and communication strategies around ASD. An overview of practical approaches and strategies to explain and respond to ASD-related behaviors by extended family, friends, educators, potential caregivers and related professionals is provided. Communication, anxiety and a range of social and physical challenges are reviewed and discussed. Included are some ‘survive’
and 'thrive' strategies for parents and caregivers, for those days, weeks or months when the challenges of living with autism everyday seem overwhelming.

AUSP 141-15 hours
Education and the Social Side of Life
This course identifies the complex educational needs of persons on the autism spectrum, and the special challenges and educational potential of the inclusive classroom, and an inclusive school environment. This course emphasizes skill-building in working with children and teenagers with ASD and practical strategies and useful tips for the school/playground environment are reviewed. Potential windows of opportunity for building and enhancing longer-term positive social connections for persons with ASD, their families (parents, siblings) and the wider community are also identified and discussed.

AUSP 151-15 hours
Making Plans and Finding Facts Across a Person's Lifetime
This course identifies available options and benefits for persons with ASD and their families and caregivers, across the course of their lifetime. This course looks at transition points planning (early years, youth/adolescence and adult and senior), as well as challenges in terms of long-term financial, social and housing supports. Advocacy and self-advocacy is examined, as are the legal rights and human rights laws in Canada. Changes in government and social policy, application procedures, and program availability are also reviewed.

Aviation (Commercial)

AVIA 104-4-4
Introduction to Aviation Theory
Students will study all of the Transport Canada Private Pilot Licence Ground School subjects to prepare for the Student Pilot Permit (PSTAR) written exam and Private Pilot â€“ Aeroplane (PPAER) written exam. Success completion of both of these exams is required to pass the course. (4,0,0)

Prerequisites:
- admission to the Commercial Aviation Diploma program or admission to the Commercial Helicopter Pilot Certificate program.

Corequisites:
- AVIA 106
- AVIA 105

AVIA 107-3-10
Pilot Skills Lab II
Students will complete the first twelve (12) hours of practical dual flight training required to attempt the practical Private Pilot Licence Flight test. Successful completion of the Private Pilot Licence Flight test is required to pass the course. (0,10,0)

Prerequisites:
- AVIA 104
- AVIA 105
- AVIA 106
- admission to the Commercial Aviation Diploma program.

Students will study the material to prepare for the Restricted Operator Certificate with Aeronautical Qualification (ROC-A) examination and prepare for professional levels of practical radio operations and communications in the aircraft. Successful completion of the ROC-A examination is required to pass the course. (3,0,0)

Prerequisites:
- admission to the Commercial Aviation Diploma or admission to the Commercial Helicopter Pilot Certificate program.

Corequisites:
- AVIA 106
- AVIA 104

AVIA 106-2-2
Pilot Skills Lab I
Students will complete the first twelve (12) hours of practical dual flight training required to write the Private Pilot Licence â€“ Aeroplane (PPAER) Transport Canada written exam. (1,1,0)

Prerequisites:
- admission to the Commercial Aviation Diploma program.

Corequisites:
- AVIA 106
- AVIA 104

AVIA 112-3-3
Navigation and Air Regulations I
Topics include the principles and techniques of air navigation and map reading, the use of a flight computer, aircraft performance and the Canadian Aviation Regulations. Electronic Flight Bags (EFBs) and their use in the pre-flight and in-flight stages of a flight will be introduced. (3,0,0)
Prerequisites:
- admission to the Commercial Aviation program and a Canadian Private Pilot Licence approved by the flight school or admission to the Commercial Helicopter Pilot Certificate program.

Corequisites:
- AVIA 113
- AVIA 114
- AVIA 115

**AVIA 113-1.5-1.5**
Meteorology I
The basics of meteorology including weather forecasts, weather flight planning, the atmosphere, atmospheric stability/instability, air pressure, air circulation, air masses and frontal systems. (1.5,0,0)

Prerequisites:
- admission to the Commercial Aviation program and a Canadian Private Pilot Licence approved by the flight school or admission to the Commercial Helicopter Pilot Certificate program.

Corequisites:
- AVIA 112
- AVIA 114
- AVIA 115

**AVIA 114-1.5-1.5**
Flight and Aircraft Systems I
A study of aircraft airframes, aircraft piston engines, propellers, and aircraft systems such as oxygen, hydraulics, pressurization, and fire suppression. A weekend of practical crash site survival training is included. (1.5,0,0)

Prerequisites:
- admission to the Commercial Aviation program and a Canadian Private Pilot Licence approved by the flight school or admission to the Commercial Helicopter Pilot Certificate program.

Corequisites:
- AVIA 112
- AVIA 113
- AVIA 115

**AVIA 115-3-9**
Flight Lab I
This lab consists of both dual and solo flying, and an evening seminar once a week. The flight instruction includes cross-country, radio and GPS navigation and basic instrument flying techniques. Upon completion of this course, students will have developed some of the related practical skills and knowledge required for the Transport Canada Commercial Pilot Licence flight test. (0,9,0)

Prerequisites:
- admission to the Commercial Aviation program and a Canadian Private Pilot Licence approved by the flight school.

Corequisites:
- AVIA 112
- AVIA 113
- AVIA 114

**AVIA 115B-0**
Flight Lab - Buildup

**AVIA 122-1.5-1.5**
Navigation and Air Regulations II
A continuation of AVIA 112. Topics include low level en route charts, basic radio navigation, and commercial air services regulations. As part of this course students will be expected to pass the Navigation and Air Regulation sections of the Transport Canada Commercial Pilot Licence written exam. (1.5,0,0)

Prerequisites:
- AVIA 112

**AVIA 123-3-3**
Meteorology II
A continuation of AVIA 113. Topics include clouds, precipitation, aircraft icing, visibility, low-level winds and turbulence, jet streams, altimetry, wind shear, thunderstorms and mountain waves. As part of this course students will be expected to pass the Meteorology section of the Transport Canada Commercial Pilot License written exam. (3,0,0)

Prerequisites:
- AVIA 113

**AVIA 124-1.5-1.5**
Flight and Aircraft Systems II
A continuation of AVIA 114. Topics include flight instruments, theory of flight, aircraft surface contamination, pilot decision making and human factors. As part of this course students will be expected to pass the General Knowledge section of the Transport Canada Commercial Pilot License written exam. (1.5,0,0)

Prerequisites:
- AVIA 114
AVIA 125-3-9 
**Flight Lab II**
This lab consists of both dual- and solo-flying, and an evening seminar once a week. The flight instruction includes cross-country, radio and GPS navigation and basic instrument flying techniques. Upon completion of this course, students will be expected to pass the Transport Canada Commercial Pilot Licence flight exam. (0,9,0)

Prerequisites:
- AVIA 115

AVIA 212-1.5-1.5 
**Advanced Flight Operations I**
Provides students with a basic comprehensive working knowledge of advanced aviation topics ranging from light twin aerodynamics to high level piston and jet operations. (1.5,0,0)

Prerequisites:
- AVIA 122
- AVIA 123
- AVIA 124

AVIA 213-3-3 
**Instrument Procedures**
The regulations and procedures required for flying under Instrument Flight Rules (IFR) and meteorology pertaining to IFR flying. As part of this course students will be expected to pass a Transport Canada written INRAT examination. (3,0,0)

Prerequisites:
- AVIA 122
- AVIA 123
- AVIA 124

AVIA 214-1.5-1.5 
**Advanced Avionics**
This course is a study of past, current and future avionics systems including gyros, inertial navigation systems, low and medium frequency navigation systems, satellite navigation systems, various instrument approach types, electronic cockpits and flight management systems. (1.5,0,0)

Prerequisites:
- AVIA 122
- AVIA 123
- AVIA 124

AVIA 215-3-7 
**Flight Lab III**
Lab consists of both dual- and solo-flying as well as an evening seminar once a week. Flight instruction includes dual multi-engine flying, instrument procedures training in simulators and solo single engine flying. (0,7,0)

Prerequisites:
- AVIA 122
- AVIA 123
- AVIA 124
- AVIA 125

AVIA 222-1.5-1.5 
**Advanced Flight Operations II**
(formerly AVIA 223)
A continuation of AVIA 212. Topics include advanced aviation topics ranging from light twin aerodynamics to high level piston and jet operations. Upon course completion students will be expected to write the Transport Canada (IATRA) exam. (1.5,0,0)

Prerequisites:
- AVIA 212

AVIA 225-3-7 
**Flight Lab IV**
This lab consists of both dual- and solo-flying, and an evening seminar once a week. The flight instruction includes dual multi-engine instrument flying, instrument procedures training in simulators and Crew Resource Management training. Upon course completion, students will be expected to pass the Transport Canada Instrument rating flight test. (0,7,0)

Prerequisites:
- AVIA 215

AVIA 226-3-3 
**Human Factors**
An introduction to aviation medicine, cockpit resource management, and a review of aviation accidents and the human factors related to aircraft accidents. Topics include the physiological, psychological and engineering aspects of ergonomics. (3,0,0)

Prerequisites:
- AVIA 122
- AVIA 123
- AVIA 124

AVIA 227-1.5-1.5 
**Aviation Skills**
Topics include transportation of dangerous goods, pilot decision making, job placement skills, commercial air services and high altitude physiological training. Guest lecturers are used extensively in the course. A practical session of winter survival in the local mountains is included. (1.5,0,0)
Aircraft Maintenance Technician - S

AVST 100-150 hours
Introduction to Aviation Structures
This course provides students with the introductory knowledge of the standard shop practices, workplace safety, and the fundamental concepts of aircraft design and construction. They will learn basic aerodynamics, aircraft components and their functions, and aircraft systems. Students will begin their training on shop skills by fabricating a basic steel shape and basic aluminum shapes.

AVST 101-180 hours
Metal A/C Construction 1
Continue to build on the student's knowledge of the Aviation Structures, and the fundamental concepts of aircraft design and construction. Students will be introduced to fastener installations and continue their training on shop skills by fabricating increasingly more complex aircraft structural components.

AVST 102-150 hours
Metal A/C Construction 2
This course will continue to build on the student's knowledge of the Aviation Structures, and the fundamental concepts of aircraft design and construction. Students will continue their training on shop skills by fabricating complex aircraft structural components and then joining these components into aircraft structural assemblies.

AVST 200-150 hours
Special Processes/Practices
This course will continue to build on the student's knowledge of the Aviation Structures, and the fundamental concepts of aircraft design and construction by learning and applying shop skills to special processes and practices.

AVST 201-180 hours
Composite Fabrication/Repair
This course will continue to build on the student's knowledge of the Aviation Structures, and the fundamental concepts of aircraft design and construction. In this course students will train on the special shop skills required for composite fabrication and repairs. The course includes a module on flight control balance and aircraft weight and balance.

AVST 300-150 hours
Damage Assessment/Repair 2
This course will continue to build on the student's knowledge of the Aviation Structures and the fundamental concepts of aircraft design and construction. Students will learn about damage assessment and complete their training on repairs to damaged structures.

Basic Accounting Concepts

BAC 11-33 hours
Introduction to Accounting Level 1
This course introduces basic accounting concepts, the rules of debits and credits, and the accounting equation. Students will learn to complete an accounting cycle for a service business, which includes recording transactions to the general journal, and general ledger; preparing formal financial statements; and completing month- and year-end adjustment entries.

BAC 12-33 hours
Introduction to Accounting Level 2
This course introduces specialized journals and subsidiary ledgers to track customers and vendors in a merchandising business. Topics also include inventory valuation, sales taxes, bank reconciliations, petty cash and accounting for payroll.

Bookkeeping Bridging

BACC 242-45 hours
Computerized Accounting II
Upon completion of this course, the student will be able to establish computerized accounting records, maintain daily transactions using the General, Accounts Payable, Accounts Receivable, Inventory, Payroll and Job Costing ledgers and produce month-end financial statements. CIB (Canadian Institute of Bookkeeping) credit. Transferable to OADM 155 Accounting Software II.

Pastry Arts

BAKP 101-120 hours
Occupational Skills
This course introduces the student to workplace safety and appropriate use and maintenance of tools.
and equipment. The use of formula and production planning, ingredient and supply chain management is introduced. Portioning and retail packaging are also covered.

BAKP 103-60 hours
Quick Breads
This course covers the subject in depth; all types of chemically aerated goods are taught, from cookies, squares and biscuits to loaves and shortcakes.

BAKP 104-90 hours
Pastries 1
This module introduces the students to pastry work and includes scratch preparation of short, choux and puff doughs and the fabrication of related products, including tarts, eclairs and strudels.

BAKP 105-60 hours
Creams
This module covers the subject in depth; every type of cream dessert is taught including mousses, baked and stirred creams, cheesecakes, gelatins, curds and sauces.

BAKP 106-60 hours
Cakes
This course introduces the student to cake making; all basic techniques will be taught including simple finishing technique. Cakes covered here include foam, hi-ration, and conventional.

BAKP 107-98 hours
Yeast Goods
This module introduces students to the theory of bread making through the application of fermentation techniques in the production of single stage and sponge and dough products.

BAKP 109-30 hours
Buffet Design
This module prepares the student to plan and execute a high-end dessert buffet for 100 covers.

BAKP 110-30 hours
Practical Exam 1
This is a timed exercise where students are expected to demonstrate competence and skills in basic technique by producing quick bread, pastry, cake cream and yeast products as directed by the instructor.

BAKP 111-6 hours
Theoretical Exam 1
This exam covers all the curriculum for this level.

BAKP 112-60 hours
Savory Baking and Skills
This module covers knife skills, terminology, savory baking and basic savory kitchen skills.

BAKP 113-30 hours
Frozen Desserts
This module covers, ice cream, gelato, granites, frozen yogurt, parfaits, sorbet and sherbets, both production and service.

BAKP 114-60 hours
Plated Desserts 1
This module builds on concepts already taught in the previous classes, concentrating on the elements of visual presentation and textural complexity for individual plated desserts.

BAKP 115-60 hours
Pastries 2
This module continues the work done in Pastries 1 and focuses on specialty tarts.

BAKP 116-30 hours
Cakes and Tortes
This module continues the work done at the previous level in cakes, specializing in pound cakes, traditional fruit cakes and birthday cakes.

BAKP 117-30 hours
Viennoiserie
This module continues the work already covered in previous modules and specializes in high quality laminated goods including croissants, danish and brioche.

BAKP 118-22 hours
Beverage Pairing
This module covers the use of local wine, beer and spirits as ingredients and as pairings, students will be expected to create a unique dessert paired with a local wine, beer, cider or spirit.

BAKP 119-30 hours
Plated Desserts 2
This module builds on concepts already taught in the previous level, concentrating on the elements of visual presentation and textural complexity for individual plated desserts.

BAKP 120-60 hours
Friandise
This module covers various types of petite four, marzipan fruits, chocolate truffles and molded chocolates are included.

BAKP 121-30 hours
Celebration Cakes
This module continues the cake work already covered and specializes in wedding cake design using royal
icing and rolled fondant. Students will be expected to design and produce a wedding cake.

**BAKP 122-60 hours**  
**Center Pieces**  
This module covers techniques that will enable the students to produce a center piece suitable for buffet presentation.

**BAKP 123-68 hours**  
**Artisan Breads**  
This module builds on the skills already learned in previous levels, it focuses on traditional sourdough bread production.

**BAKP 124-45 hours**  
**Buffet Design 2**  
This module builds on skills already learned in previous levels. The students will plan and execute a high end dessert buffet to include appropriate center pieces and french pastries.

**BAKP 125-30 hours**  
**Practical Exam 2**  
This is a timed exercise where students are expected to demonstrate competence in skills in advanced technique by producing artisan breads and plated desserts to include a selection of friandise.

**BAKP 126-22 hours**  
**Theoretical Exam 2**  
This exam is based on all of the curriculum covered so far at all levels.

**BAKP 150-400 hours**  
**Pastry Arts Co-op**  
10 week Co-op Student placement in the industry to introduce students to real workplace environments.

**Bartending**

**Blockchain**

**BCC 101-14 hours**  
**Introduction to Blockchain**  
This course provides learners with the foundational knowledge of today’s blockchain technology platforms and how this technology provides value to the work of business and society.

Only offered by Distance Education

**BCC 102-28 hours**  
**Blockchain Networks**  
This course provides learners with information on various types of blockchain networks including public, private, consortium and permissioned networks.

**BCC 103-28 hours**  
**Introduction to Blockchain Platforms**  
This course provides learners with an introduction to the specific information related to blockchain platforms including Hyper Ledger, Bitcoin and Ethereum.

Only offered by Distance Education

**BCC 104-14 hours**  
**Wallets, Exchange & Interaction**  
This course provides learners with information about cryptocurrencies, the wallets that contain them and the role of exchanges in the digital economy.

Only offered by Distance Education

**BCC 105-28 hours**  
**Application of Blockchain**  
This course provides learners with the opportunity to illustrate blockchain principles and practices by participating in the manufacturing of a smart contract. Learners will determine where smart contracts should be utilized, explain the purpose of the contracts and analyze the code. Learners will demonstrate their comprehension of blockchain and apply their knowledge in this final course.

Only offered by Distance Education

**Banking Customer Service**

**AutoCAD GIS**

**Biology**

For courses numbered 100 or higher, the prerequisite(s) may be waived by the Biology department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the AACP department. See prerequisite waiver.

**BIOL 075-40 hours**  
**Topics in Biology**  
Topics in Biology may include, but is not limited to, biological organisms, ecology, cell biology, bioenergetics, human anatomy and physiology, and
social issues. This course may be taken more than once but with a different topic emphasis.

BIOL 085-40 hours
Topics in Biology
Topics in Biology may include, but are not limited to, biological organisms, ecology, cell biology, bioenergetics, human anatomy and physiology, and social issues. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• the corequisite of ABE ENGL 011 or the corequisite of ABE COMP 011 or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

Corequisites:
• ABE ENGL 080

BIOL 095-40 hours
Topics in Biology
Topics in Biology may include, but is not limited to, biological organisms, ecology, cell biology, bioenergetics, human anatomy and physiology, and social issues. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• ABE BIOL 011
• Chemistry 11 is recommended

1 minimum grade of 60 required

BIOL 011-96 hours
Biology - 011
This course is an introduction to the study of biological organisms and their ecological role. Specific organisms will be examined to illustrate the development that occurs as a result of natural selection within a changing environment. A laboratory component is included.

Prerequisites:
• ABE MATH 060
• Corequisites: ABE ENGL 080 or ABE ENGL 011 or ABE COMP 011 or Composition 11 or English 11 or a minimum ABLE test score of 68/80 and an Advanced Level writing sample.

1 minimum grade of 60 required

BIOL 012-112 hours
Biology - 012
Designed to prepare students for studies at the post-secondary level. Three major components are included: cell biology, bioenergetics, and human anatomy and physiology. A laboratory component is included.

Prerequisites:
• ABE BIOL 011 or Biology 11 or Life Sciences 11
• ABE ENGL 080 or ABE ENGL 011 or ABE COMP 011 or ABE ENGL 081 or ABE ENGL 082 or ABE MATH 060 or Composition 11 or English 11 or a minimum ABLE test score of 68/80 and an Advanced Level writing sample. Chemistry 11 or ABE CHEM 011 is recommended

1 minimum grade of 60 required
2 minimum score of 60 required

BIOL 111-3-6
Biology for Science Majors I
This course is the first of a pair of courses which introduce students to the biological concepts necessary to continue into second-year biology. It covers evolutionary theory and its underlying genetic basis, basic cell biology, plant and animal biochemistry. (3,3,0)

Prerequisites:
• Chemistry 11 or ABE CHEM 011
• Biology 11 or Life Sciences 11 or ABE BIOL 011 or Biology 12 or Anatomy & Physiology 12 or ABE BIOL 012
• Corequisite: Recommended: CHEM 111 or 112

BIOL 112-3-6
Evolution and Ecology
This course discusses evolutionary theory and its underlying genetic basis, and population, community, ecosystem and behavioural ecology. Specific case studies and current environmental concerns are used as illustrations. This course, in conjunction with BIOL 122, is recommended for Arts or Education students.

Students with credit for BIOL 111, or BIOL 114 cannot take BIOL 112 for further credit. (3,3,0)

BIOL 116-3-6
Current Biotechnology Topics for Non-Science Majors
This course discusses contemporary issues in biology such as biotechnology, genetic engineering, cloning, immunology, forensics, and the underlying genetic basis of each of them. Specific case studies and current concerns are employed as illustrations to the techniques used in biotechnology. This course, in conjunction with BIOL 122, is recommended for Arts students. Students with credit for BIOL 111, or BIOL 114 cannot take BIOL 116 for further credit. (3,3,0)
BIOL 120-3-6
The Biology of the Grapevine
This course introduces the basic anatomy and morphology and physiology processes of the grapevine. Additional topics include annual growth cycle and phenological phases, process of berry ripening, cold hardiness of grapevines, and grapevine clones, hybrids, and rootstocks. (3,3,0)

Prerequisites:
• ABE BIOL 011 or Biology 11 or Life Sciences 11

BIOL 121-3-6
Biology for Science Majors II
A continuation of BIOL 111 with an introduction to the biological concepts necessary for second-year biology. Topics include the physiology of reproduction, gas exchange, inter-organ transport and inter-organ coordination in plants and animals, energy acquisition, and excretion and movement in animals. Ecosystem, population, community and behavioural ecology are discussed. (3,3,0)

Prerequisites:
• BIOL 111

BIOL 122-3-6
Physiology of Multicellular Organisms
This course is a discussion of the physiological adaptations of plants and animals to their environments. The structure/function relationships of some of the organ systems of the human body will be described. This course, in conjunction with BIOL 112, is recommended for Arts or Education students. Students with credit for BIOL 121 or BIOL 124 cannot take BIOL 122 for further credit. (3,3,0)

BIOL 131-3-6
Human Anatomy and Physiology I
formerly BIOL 113
This course is an introduction to human structures and functions emphasizing basic physiological principles plus cell and tissue structure. Laboratory work will include gross and microscopic human anatomy and will demonstrate underlying physiological processes. (3,3,0)

Prerequisites:
• Chemistry 11 or ABE CHEM 011
• Biology 11 or Life Sciences 11 or ABE BIOL 011 or Biology 12 or Anatomy & Physiology 12 or ABE BIOL 012 or BIOL 122 or BIOL 124
• Biology 12 or ABE BIOL 012 or BIOL 122 is strongly recommended

BIOL 133-3-6
Human Anatomy and Physiology II
formerly BIOL 123
The continuation and completion of the comprehensive survey of human structures and functions started in BIOL 131. (3,3,0)

Prerequisites:
• BIOL 131

BIOL 150-3-38
Natural History of the Okanagan
This course is a three-week (114 hours) introduction to the geology, physical and human geography, and ecology of the Okanagan. Five to eight hours will be spent daily on field experiments to introduce the basic skills and techniques for studying these aspects of natural history. Students will be expected to provide their own transportation to field locations. (8,30,0)

BIOL 150-3-38
Introductory Biology for Viticulture
An introduction to biology for Viticulture Technician Diploma students. Students will be introduced to basic biological principles with reference to the organisms and ecological interactions applicable to viticulture and oenology. (3,3,0)

Prerequisites:
• Biology 11 or Life Sciences 11 or ABE BIOL 011

BIOL 175-3-6
Environmental Biology
formerly BIOL 118
An introduction for Water Engineering Technology students that will provide the ecological theory underlying the management of water quality. Environmental topics include: principles of ecosystem ecology (interactions, tolerances, energy relations); pollution biology; evolution and diversity (introduction to taxonomy of aquatic plants, animals and microorganisms), basic microbiology and basic human physiology (emphasis on water-borne diseases and other health hazards). Laboratory sessions will emphasize diversity and basic microbiology. Some field trips and water testing will be included. (3,3,0)

BIOL 190-3-6
Human Physiology I for Kinesiology
This course is the first of a pair of courses which introduces Kinesiology students to the structures and functions of human body systems. Emphasis is placed on basic physiological principles as well as cell and tissue structure. Laboratory work will include microscopic human anatomy and will demonstrate underlying physiological processes. (3,3,0)

Prerequisites:
• ABE CHEM 011 or Chemistry 11
• Biology 11 or Life Sciences 11 or ABE BIOL 011
  or Biology 12 or Anatomy & Physiology 12 or
  ABE BIOL 012 or BIOL 122 or BIOL 124

BIOL 191-3-6
Human Anatomy and Physiology II for Kinesiology
This course continues the comprehensive survey of
human body systems started in Biology 190. Emphasis is placed on basic physiological principles s
well as cell and tissue structure. Laboratory work will
include gross and microscopic human anatomy and
will demonstrate underlying physiological processes.
(3,3,0)

Prerequisites:
• BIOL 190

BIOL 202-3-4
Elementary Applied Statistics
An introductory course in applied statistics with a
focus on life sciences for students with a first-year
 calculus background. Topics include estimation and
testing of hypotheses about population parameters,
an introduction to analysis of variance, linear
regression, chi-square analysis, and some non-
parametric tests. Essential preliminary topics in
descriptive statistics and probability are presented as
a basis for such procedures. Emphasis includes
problem formulation, models, assumptions and
interpretation of results. This course is also offered in
the Department of Mathematics and Statistics as
STAT 230. Students will receive credit for only one of
BIOL 202, STAT 230, STAT 121, STAT 124. (4,0,0)

Prerequisites:
• MATH 112

Corequisites:
• MATH 122

BIOL 203-3-5
Introduction to Ecology
An introduction to the different disciplines within the
field of ecology. Topics include the ecology of
individuals, physiological and behavioural ecology, population ecology, community ecology and
ecosystem ecology. Evolution is treated both as a
separate unit and throughout the course as a unifying
theme. Students will attend a three-hour lab each
week for the first 6 weeks, and a one-hour seminar for
the remainder of the semester. (3,1.5,0.5)

Prerequisites:
• BIOL 121
  or BIOL 112 and BIOL 122
  or BIOL 175 and BIOL 275

BIOL 211-3-4
Cell Biology
This course introduces cell structure and physiology,
ultra structure of plant and animal cells, cellular
development, cytogenetics, boundary phenomena
and related topics. Seminars will focus on problem
solving, data analysis and experimental techniques.
(3,0,1)

Prerequisites:
• BIOL 121
• CHEM 121 or CHEM 122

BIOL 220-3-4
Introductory Biochemistry
This course is an introduction to cell biomolecules and
metabolism. Topics include the aqueous environment
of cells, protein structure, and the kinetics of enzyme-
catalyzed reactions. Selected metabolic pathways and
their regulation will be studied. (3,0,1)

Prerequisites:
• BIOL 211
• CHEM 212

BIOL 224-3-5
Principles of Genetics
This course is an introduction to the basic principles of
classical and molecular genetics. Topics will include
Mendelian inheritance, recombination and linkage,
structure and function of the gene, regulation of gene
expression, molecular techniques and population
genetics.

Students attend a three-hour lab and a one-hour
seminar on alternate weeks. (3,1.5,0.5)

Prerequisites:
• BIOL 121

BIOL 228-3-6
Introductory Microbiology
An introductory course providing a broad background
in microbiology. Topics include structure, metabolism,
diversity of micro-organisms, microbial genetics,
virology, and immunology. Laboratory work will
include techniques and experiments relevant to
lectures. (3,3,0)

Prerequisites:
• BIOL 121

BIOL 251-3-6
Vascular Plants
formerly BIOL 225
A study of the evolutionary history, reproduction and
morphology of representatives of the seedless
vascular plants, gymnosperms and angiosperms. The structure and functions of plant organs are included. (3,3,0)

Prerequisites:
• BIOL 121
  or BIOL 112 and BIOL 122

BIOL 254-3-6
Vertebrate Biology
formerly BIOL 253

An examination of structure, phylogeny and diversity of vertebrate animals. (3,3,0)

Prerequisites:
• BIOL 121
  or BIOL 112 and BIOL 122

BIOL 260-3-3
Pathophysiology for Health Sciences
In this course students examine the basic pathophysiology associated with selected diseases and disorders that are commonly encountered by health practitioners in Canada. Students are introduced to the pathophysiology, etiology, as well as some of the signs and symptoms, diagnostic tests and treatments currently associated with each disorder. (3,0,0)

Prerequisites:
• BIOL 131
• BIOL 133

BIOL 261-3-3
Human Infectious Disease
This course introduces students enrolled in health related studies to medical microbiology. Students are introduced to biological characteristics, epidemiology, mechanisms and routes of transmission, pathogenesis and immunity, host response, control and prevention. Additional topics include resistance, vaccines, and bioterrorism. (3,0,0)

Prerequisites:
• BIOL 260
  or BIOL 231; and BIOL 235

BIOL 275-3-6
Freshwater Plants and Animals
formerly BIOL 218

This course is an introduction to the major groups of organisms found in inland waters, including cyanobacteria, algae, plants and animals. Lectures will focus on the ecology and evolution of these organisms, and their use in biomonitoring. Students will learn how to collect samples of aquatic biota, and how to preserve and identify these organisms. (3,3,0)

Prerequisites:
• BIOL 175
  or BIOL 112 and BIOL 122
  or BIOL 121

BIOL 278-3-5
Microbiology of Water and Wastewater
formerly BIOL 219

An introduction, for Water Engineering Technology students, to the major types of microbial organisms in water and wastewater, while focusing on the diverse and sometimes conflicting use of water for human consumption, waste disposal, irrigation, recreation and wildlife. Lectures and lab sessions will emphasize sampling techniques pertaining to work in water treatment plants and environmental monitoring agencies, and laboratory techniques for culturing, identifying and enumerating micro-organisms. (2,3,0)

Prerequisites:
• BIOL 175

BIOL 279-3-6
Limnological Methods
formerly BIOL 229

An introduction, for Water Engineering Technology students, to the common methods used by limnologists to monitor lakes and rivers. Students will learn how to describe the physical, chemical and biological characteristics of water and to use basic statistical techniques to compare data between and among study sites. Participation in two one-day weekend trips in September or early October is required. Lectures will focus on trophic interactions in lake and stream ecosystems. (3,3,0)

Prerequisites:
• BIOL 175

Bookkeeping

BOOK 100-33 hours
Spreadsheets for Bookkeeping

Students in this course focus on the use of spreadsheets for bookkeeping and accounting purposes. Students learn how to design, modify, format and utilize spreadsheets to record and report typical business transactions.

Also offered by Distance Education
**BOOK 110-45 hours**  
**Payroll Administration**  
This course is an introduction to Canadian payroll rules and procedures. Students learn how to access and use Canada Revenue Agency information and how to create, maintain and report individual and company payroll records. CIB (Canadian Institute of Bookkeeping) credit. Course equivalency OADM 142 (Payroll).

Prerequisites:  
• BOOK 100<sup>1</sup>  

<sup>1</sup> minimum grade of 70 required

Also offered by Distance Education

**BOOK 120-45 hours**  
**Computerized Accounting**  
Students in this course focus on the use of current computerized accounting software. Students learn how to create and modify accounting records and how to enter, adjust and report typical daily and year-end business transactions. CIB (Canadian Institute of Bookkeeping) credit. Course equivalency OADM 152 (Accounting Software).

Also offered by Distance Education

### Business Administration

**BUAD 111-3-3**  
**Financial Accounting I**  
This course is an introduction to the system in which information is collected by the accounting process and presented by financial statements. Accounting cycle, statement preparation, special journals, internal control and the accounting for cash, inventory, payroll, merchandising and sales tax are examined. Basic financial reporting will be reviewed.

CPA (credit with BUAD 121), CIB, PMAC credit. Credit may be received by passing a challenge exam. (3,0,0)

Also offered by Distance Education

**BUAD 112-3-3**  
**Introduction to Entrepreneurship**  
This course provides an introduction to entrepreneurship and an opportunity to determine if the entrepreneurship specialty is the right path for business and social leaders. Students will examine the elements of entrepreneurial thinking and methodologies used to determine when an idea may be an opportunity, acquire intrapreneurial know-how by offering viable solutions to challenges, and research and refine a business opportunity and pitch the idea. The goals should be to improve the economy, make money, create jobs, and positively influence environmental and social outcomes. (3,0,0)

Prerequisites:  
• BUAD 111

Concurrent Registration: BUAD 195

**BUAD 113-3-4**  
**Canadian Business**  
This course provides an overview of Canadian business, industry and government and their interactions with local, national and international economies. Topics include resource allocation and the impact of current events upon public and private financial decisions.

CPA credit. (4,0,0)

Also offered by Distance Education

**BUAD 115-3-3**  
**Introduction to Tourism**  
This course provides students with an understanding of the complex nature of tourism including economic, environmental and social impacts. Topics include: components of the tourism industry; linkages between tourism and hospitality; the size, scope and infrastructure of the tourism industry; trends and issues in the industry; travel motivators; career opportunities and the role of management. This course is also being offered as TOUR 105. Students with credit for BUAD 206 or TOUR 105 may not take BUAD 115 for credit. (3,0,0)

Also offered by Distance Education

**BUAD 116-3-3**  
**Marketing**  
This course introduces students to the principles and practices of marketing and how they can be applied to organizations. Marketing processes are considered from consumer and business perspectives in a Canadian context. Topics include identifying needs, monitoring changes in the environment, managing products or services, distribution, promotion and pricing.

PMAC credit. Credit may be received by passing a challenge exam. (3,0,0)

Also offered by Distance Education

**BUAD 121-3-3**  
**Financial Accounting II**  
This course is a continuation of BUAD 111. Topics include accounting for receivables, inventory, long-
term assets and their amortization, bonds and other
long-term liabilities, partnership equity, shareholders' equity
and investment in corporate securities.
Generally Accepted Accounting Principles, ratio
analysis of financial statements, and the preparation
of the statement of cash flow will also be studied.

CPA (credit with BUAD 111), CIB, PMAC. Credit may
be received by passing a challenge exam. (3,0,0)

Prerequisites:
• BUAD 111

Also offered by Distance Education

BUAD 123-3-3
Management Principles
A study of the universal functions of management:
planning, organizing, leading and controlling. This
course emphasizes strategic business planning and
decision making; organizing resources and work
scheduling; leading and motivating individuals and
groups to achieve objectives; and controlling worker
output and productivity so that goals are achieved
effectively and efficiently.

PMAC credit. (3,0,0)

Also offered by Distance Education

BUAD 128-3-4
Computer Applications I
This course includes the use of computers in the
business environment, including word processing,
presentation graphics and spreadsheets. Computer
concepts including hardware, software and data
communications are covered at the intermediate level.
Students will be expected to use their computer skills
in other business courses.

CIB, PMAC credit. Credit may be received by passing
a challenge exam. (2,2,0)

Also offered by Distance Education

BUAD 176-3-3
Professional Sales
formerly BUAD 276

Students study the sales process as it applies to the
successful selling of both goods and services to
organizations. Students explore and practice each
step in the sales process through hands-on,
interactive activities. The focus of this course is on
building long-term, mutually beneficial relationships
established through trust and ethical decision making.
Credit may be received by passing a challenge exam.
(3,0,0)

Also offered by Distance Education

BUAD 195-3-3
Financial Management
formerly BUAD 295

The fundamentals of financial management - using
financial information to make sound business
decisions. Topics include interpretation and analysis
of financial statements, budgeting and cash flow
forecasting, financial and operating leverage, and the
management of cash, receivables and inventory.

CPA (credit with BUAD 296), PMAC. (3,0,0)

Prerequisites:
• BUAD 111

Also offered by Distance Education

BUAD 200-3-3
Digital Marketing
This course examines digital marketing in the 21st
century, introducing the concepts, strategies and
tactics utilized in todays fast-paced, mobile and
globally-connected markets. Learners explore various
components of a digital marketing campaign and
study how to design, implement, manage, and
measure such components within an
organization’s integrated marketing strategy.
(3,0,0)

Prerequisites:
• BUAD 116 or TOUR 130

Also offered by Distance Education

BUAD 201-3-3
Conflict Resolution and Negotiation
This course focuses on interpersonal communication
theory and skills required to interact effectively with
others, plan and conduct interviews and meetings,
develop relationships with diverse clients and
colleagues, resolve conflict, manage and respond to
anger, and negotiate effectively in the work
environment. Students will learn to approach the client
relationship and the resolution of conflicts
cooperatively and collaboratively. (3,0,0)

Also offered by Distance Education

BUAD 208-3-4
Canadian Income Tax I
Formerly BUAD 280 This course is an introduction to
Canadian income taxation. Topics include liability for
tax, the calculation of Net Income for Tax Purposes
for both individual and corporate taxpayers, and the
calculation of taxes for individual taxpayers.
BUAD 209-3-4  
**Business Law**  
(formerly BUAD 119)

An overview of the law as it relates to business, including an examination of the fundamentals of tort law, contract law and special types of contracts commonly encountered by small business. A basic understanding of the law of torts and contracts, will assist students to recognize and resolve simple legal problems of small businesses. CPA, PMAC credit. Students with credit for BUAD 119 cannot take BUAD 209 for further credit. (4,0,0)

**Prerequisites:**  
- BUAD 111

Also offered by Distance Education

**BUAD 210-3-3  
Introduction to Marketing Research**

This course introduces research theory and methodology as they relate to effective decision-making in business. Emphasis is on research design in exploratory and qualitative research. Topics include secondary research and primary and qualitative research concentrating on interviewing, focus groups and observational research. Students develop the knowledge and skills necessary for research proposal writing, research design and report presentation. Students with credit for BUAD 268 cannot take BUAD 210 for further credit. (3,0,0)

**Prerequisites:**  
- BUAD 116

1 minimum grade of 60 required

Also offered by Distance Education

**BUAD 212-3-3  
Idea Generation**

Idea generation is a basic element of entrepreneurship. This course prepares students to use design thinking techniques and processes to analyze organizational circumstances and business opportunities. Students will explore how to use observational tools and other techniques for idea generation, how to refine these ideas and how to evaluate them. The goal is to identify business ideas that students are not only passionate about but also have real market application. (3,0,0)

**Prerequisites:**  
- BUAD 112

**BUAD 215-3-3  
Restaurant Management**

This course provides a broad understanding of management theory and practice in the restaurant industry. The course covers aspects of restaurant marketing, service delivery, menu design and engineering, site selection, and facility design. The course introduces students to the concepts and practices related to cost controls from purchasing to sales. This course is also offered as TOUR 215. Students with credit in TOUR 215, BUAD 207, BUAD 218, or HOSP 236 cannot take BUAD 215 for additional credit. (3,0,0)

**Corequisites:**  
- BUAD 111

**BUAD 220-3-3  
Hotel Management**

Formerly HOSP 220 This course presents an overview of the operation and management of a hotel property. Topics include: travel patterns affecting the industry; types of lodgings; functions and practices of the key departments; and management issues specific to hotels including guest safety and security. Current trends in guest services and amenities are examined. The principles of front-desk management are covered including the reservations process, hotel revenue cycle, establishing room rates, preparation of the night audit and the use of technology in Property Management Systems. This course is also being offered as TOUR 220. Students with credit for HOSP 220 or TOUR 220 cannot take BUAD 220 for further credit. (3,0,0)

**BUAD 222-3-3  
Selected Topics: Advanced Accounting**

This course will focus on specialized topics in accounting. (3,0,0)

**Prerequisites:**  
- Second Year Standing and will be determined by the topic area

**BUAD 223-3-3  
Selected Topics: Financial Services**

This course will focus on specialized topics in the financial services. (3,0,0)
Prerequisites:
- Second Year Standing and will be determined by the topic area.

BUAD 224-3-3
Selected Topics: Human Resources
This course will focus on specialized topics in human resources management. (3,0,0)

Prerequisites:
- Second Year Standing and will be determined by the topic area.

BUAD 225-3-3
Selected Topics: Management
This course will focus on specialized topics in management. (3,0,0)

Prerequisites:
- Second Year Standing and will be determined by the topic area.

BUAD 226-3-3
Selected Topics: Marketing
This course will focus on specialized topics in marketing. (3,0,0)

Prerequisites:
- Second Year Standing and will be determined by the topic area.

BUAD 227-3-3
Selected Topics: Tourism and Hospitality
This course will focus on specialized topics in hospitality and tourism management. (3,0,0)

Prerequisites:
- Second Year Standing and will be determined by the topic area.

BUAD 230-3-3
Wine and Culinary Tourism
This course provides learners with an understanding of wine and culinary tourism and its relationship to the tourism sector overall. Through experiential learning opportunities such as field trips, visits from local providers, and assignments linked to real situations, students engage with wine, food, and culture, both regionally and globally. Students gain awareness of how wine and culinary tourism impacts tourism destinations, from supply chain management to product development. This course is also offered as TOUR 230. Students with credit in TOUR 230 cannot take BUAD 230 for additional credit. (3,0,0)

BUAD 231-3-4
Project Management in an Information Technology Environment
This course is an introduction to project management in an information technology context. Theory and practice will be blended into a term project and managed through the use of project management software. (2,2,0)

Prerequisites:
- admission to the Network and Telecommunications Engineering Technology or Computer Information Systems (diploma or degree) programs

BUAD 233-3-3
Financial Planning Fundamentals
This course introduces important fundamentals in the practice of financial planning. Topics include the applications of mathematics of finance in financial planning calculations, issues in contract and family law, and an analysis of government-sponsored benefit programs. (3,0,0)

Prerequisites:
- BUAD 251
- MATH 114

BUAD 234-3-3
Retirement Income Planning
Learners examine the issues related to retirement planning. Topics include options in financing retirement; retirement needs analysis, products, issue and practices in the area of retirement. Professional and ethical responsibilities of financial planners are explored. (3,0,0)

Prerequisites:
- BUAD 251
- MATH 114

BUAD 235-3-3
Insurance and Estate Planning
Learners examine the issues related to risk management and estate planning. Topics include risk management and insurance needs analysis, the steps in the risk management process, products, issues and practices in the areas of insurance. Components of estate planning include wills and probate, powers of attorney, testamentary and inter vivo trusts, and estate freezes. (3,0,0)

Prerequisites:
- BUAD 251
- MATH 114

BUAD 236-3-4
Accounting Computer Applications
This course provides practical in-depth study,
applying concepts to accounting software including sales, purchases, inventory, payroll, bank reconciliations, year-end file preparation and the use of tax software (2,2,0)

Prerequisites:
- BUAD 111
- BUAD 128

Corequisites:
- BUAD 208

BUAD 246-3-3
Recruitment and Selection
formerly part of BUAD 271

This course provides an in-depth study of recruitment and selection. Topics include legislation, screening devices, assessment techniques, and interviewing. Students who have received credit for BUAD 271 can not take BUAD 246 for further credit. (3,0,0)

Prerequisites:
- BUAD 269

Also offered by Distance Education

BUAD 247-3-3
Training and Development
formerly part of BUAD 271

This course provides an in-depth study of training and development. Topics include legislation, needs analysis, program development, cost/benefit analysis, and principles of discipline and discharge.

Students who have received credit for BUAD 271 cannot take BUAD 247 for further credit. (3,0,0)

Prerequisites:
- BUAD 269

Also offered by Distance Education

BUAD 248-3-3
Occupational Health and Safety
This course provides an in-depth study of occupational health and safety. Topics include legislation, the WCB, safety disability management, the recognition, assessment and control of workplace hazards, accident investigations, safety training and managing occupational health and safety, and wellness programs. (3,0,0)

Prerequisites:
- BUAD 269

Also offered by Distance Education

BUAD 250-3-3
Canadian Securities
This Canadian Securities Institute course examines all aspects of business and the securities industry necessary to prepare students to write the Canadian Securities Licensing exam. Topics include: capital markets, financial statements, the Canadian economy, investment products, regulation, taxation issues, financial planning and portfolio management. Note: in addition to tuition fees, students are expected to pay an additional fee levied by the Canadian Securities Institute. This fee provides each student with one attempt at the Canadian Securities Licensing exam at any time up to one year after enrolment in BUAD 250. Please contact the Business department for more information. The institutional version of Canadian Securities is open to all students. (3,0,0)

BUAD 251-3-3
Personal Financial Planning
This course introduces the tools and strategies of personal financial planning. Topics include goal setting, savings, investments, insurance, taxation, budgeting and financing. (3,0,0)

Also offered by Distance Education

BUAD 262-3-3
Organizational Behaviour
formerly BUAD 162

This course examines management of human behaviour in organizations. Individual and interpersonal behaviour related to perception, learning, communication, motivation and job satisfaction are included. Leadership, ethics, the effective management of work groups, decision making, and the implementation of organizational development processes will be discussed.

Students with credit for BUAD 162 cannot take BUAD 262 for further credit. PMAC credit (3,0,0)

Prerequisites:
- BUAD 123

Also offered by Distance Education

BUAD 263-3-4
Intermediate Accounting I
This course is a continuation of the study of financial accounting theory and practice. Topics include financial statement presentation, revenue and expense recognition, the treatment of current monetary assets and liabilities, inventory, capital assets and intangible assets. Generally Accepted Accounting Principles will be emphasized.
CPA credit. (4,0,0)

Prerequisites:
• BUAD 121

1 minimum grade of 60 required

Also offered by Distance Education

**BUAD 264-3-3**  
**Management Accounting**

This course refines and extends the range of financial models developed in BUAD 111 with changes from the past to the future. The budget replaces the balance sheet, performance and analysis replaces the income statement and the cash flow forecast replaces the cash flow statement. Costing methods, make-or-buy, pricing and capital investment decisions are studied. CPA, CIB, PMAC credit (3,0,0)

Prerequisites:
• BUAD 111 and BUAD 128 and MATH 114 or BUAD 111 and admissions to any Business Administration Post-Baccalaureate Diploma Program, or BUAD 111, BUAD 128 and successful completion of the Accounting/Bookkeeping Certificate.

Also offered by Distance Education

**BUAD 266-3-3**  
**Advertising and Marketing Communications**

Students examine the role of advertising design in integrated marketing communications. Advertising design is considered with respect to consumer behavior, media, advertisers and advertising professionals to develop a basic understanding of the applicability of advertising in planning and executing an integrated marketing communications plan. (3,0,0)

Prerequisites:
• BUAD 116

Also offered by Distance Education

**BUAD 269-3-3**  
**Human Resources Management**

This survey course provides an overview of the Human Resources Management area. It examines the integrated strategic, operational and functional HR processes and practices in an organization. It focuses on effective employee deployment and development; defining and designing work, human resources planning, recruitment and selection; training and development; managing performance, rewarding and recognizing employees, creating a healthy and safe environment, management rights, employee rights and discipline, labour relations and collective bargaining. (3,0,0)

Prerequisites:
• BUAD 123

Also offered by Distance Education

**BUAD 272-3-4**  
**Business Simulation**

In this course the student will experience the decisions and interactions a manager in a typical business would face. Through the use of computer simulation, the student will work with other students as a member of a business team. Each team will make the necessary decisions to enable their business to prosper under changing competitive situations.

Students with credit for HOSP 272 can not take BUAD 272 for further credit. (2,0,2)

Prerequisites:
• BUAD 111  
• BUAD 116  
• BUAD 123  
• BUAD 128  
• BUAD 195

Corequisites:
• BUAD 264

**BUAD 273-3-4**  
**Intermediate Accounting II**

A continuation of BUAD 263, this course includes areas of concentration including liabilities, equities, pensions, leases and taxes, while emphasizing Generally Accepted Accounting Principles used in recording and presenting financial statements.

CPA credit. (4,0,0)

Prerequisites:
• BUAD 263

Also offered by Distance Education

**BUAD 278-3-3**  
**Marketing Management**

Through the use of practical cases this course aids the marketer and manager in establishing a rational process to approach marketing issues. Greater depth and relationship between the marketing areas of production, people, promotion and distribution and pricing are explored and developed into a complete marketing plan. (3,0,0)
Prerequisites:
- BUAD 116

1 minimum grade of 60 required

**BUAD 279-3-3**

**Industrial Relations**

An examination of the nature of labour relations in Canada; its history, objectives and philosophy. The structure and functions of the Canadian labour movement are studied as well as legislation governing industrial relations in the private and public sectors are studied. Particular emphasis is placed on the collective bargaining process and negotiations and management roles in the administration of the collective agreement. Related issues covered in the course include third-party processes such as arbitration and mediation, grievance procedures, discipline, strikes and lockouts, picketing and union certification. (3,0,0)

Prerequisites:
- BUAD 123

Also offered by Distance Education

**BUAD 283-3-3**

**Management Information Systems**

This course is an introduction to computer systems and to the analysis, design and implementation of computer based management information. Specific technologies will be explored, including databases, decision support systems, networks, electronic commerce, and emerging technologies. Computer software will be used to illustrate MIS (Management Information Systems) concepts.

CPA credit. (3,0,0)

Prerequisites:
- BUAD 128 or admission to the Post-Baccalaureate in Marketing and Data Analytics Program.

Also offered by Distance Education

**BUAD 289-3-3**

**Purchasing and Materials Management**

An introduction to the development of basic purchasing skills for commercial, government, industrial and institutional organizations. Quality assurance, standardization, sources of supply, negotiation, pricing practices, make-or-buy decisions, surplus materials and inventory management will be covered. (3,0,0)

Prerequisites:
- BUAD 116

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**BUAD 293-3-3**

**Entrepreneurship**

This course is an investigation into the role of the entrepreneur in business and economic development. The personality/character traits that are associated with the entrepreneurial spirit are examined. Students will identify business opportunities, develop a business plan for their own small business and pitch their venture idea to stakeholders who will evaluate its potential viability. Credit may be received by passing a challenge exam. (3,0,0)

Prerequisites:
- BUAD 116
- BUAD 123
- BUAD 128
- BUAD 195

Corequisites:
- BUAD 264

Also offered by Distance Education

**BUAD 296-3-3**

**Long-term Capital Management**

An introduction to the long-term treasury functions of business: namely, the raising of long-term capital and the evaluation of proposals for the investment of this capital. Topics include the time value of money; risk versus return; the cost of capital; capital budgeting; leasing versus purchasing; capital markets; financing with common stock, preferred stock, bonds, and retained earnings; convertible securities and warrants.

CPA (credit with BUAD 195), PMAC. (3,0,0)

Prerequisites:
- MATH 114 or admission to the Business Administration Post
- Baccalaureate Diploma Program in Accounting.

Also offered by Distance Education

**BUAD 297-3-3**

**Retailing**

This course covers strategic retail management and orients students to the dynamic and competitive nature of the industry. Topics include current issues in retail, managing the retail operation, pricing, inventory management and control, store design and location. (3,0,0)

Prerequisites:
- BUAD 116

Also offered by Distance Education
BUAD 298-3-3
Small Business Management
This course introduces students to rational problem solving and decision making processes that will be applied to typical marketing, management and financial concerns that small business managers need to address. Other topics that will be explored include growing a business, franchising, family businesses, succession planning, and exit strategies (also offered by Distance Education). (3,0,0)

Prerequisites:
• BUAD 116
• BUAD 123
• BUAD 128
• BUAD 195

Also offered by Distance Education

BUAD 299-3-3
Conventions Management
Formerly HOSP 250
This course focuses on the convention, meeting and trade show industry. Topics include the size and scope of the industry; industry trends; the characteristics of the corporate, association and other market segments; and preparation of a marketing plan. How to plan, organize, direct and control the key aspects of a successful convention will also be covered.

Students with credit for HOSP 251 will require permission of the department before taking this course. Students with credit for HOSP 250 cannot take BUAD 299 for further credit. (3,0,0)

BUAD 305-3-3
Logistics and Supply Chain Management
Business inputs are sourced from many, increasingly global, sources. Supply chain managers must not only optimize the decisions of their own firms, but also try to improve the interactions of the various levels in the supply chain. Fundamental concepts, strategies, and planning techniques for logistics and supply chain management will be reviewed. (3,0,0)

Prerequisites:
• BUAD 264
• third-year standing

BUAD 306-3-3
Managing Professional Service Firms
This course explores the challenges of leading professional service firms by exploring the unique characteristics of professional service firms and their implications for strategy, leadership, management, governance and organization. The course will also introduce frameworks and methods for analyzing professional service firms as well as provide an overview of the skills required to succeed in such firms. (3,0,0)

Prerequisites:
• third-year standing

Corequisites:
• BUAD 340

BUAD 307-3-3
Managing for Innovation
Innovation is a basic element of business growth and success. Innovation, like many business functions, is a management process that requires specific tools, rules and discipline. It requires measurement and incentives to deliver sustained, high yields. Organizations can use innovation to redefine an industry by employing combinations of business model innovation and technology innovation. This course goes beyond ideas and inspiration to offer practical, tested advice on how to create value from the innovation investment on the level of day-to-day processes, as well as at the strategic level. Students with credit for BUAD 339 Topic: Managing for Innovation cannot take BUAD 307 for further credit. (3,0,0)

Prerequisites:
• third-year standing

BUAD 308-3-3
Multicultural Management
In today’s global environment, success or failure in business can depend on awareness of the cultural differences among people and countries. Consideration will be given to those issues and problems associated with management in different cultures and in particular to those issues that arise in international business. The course will examine the application of theory and research in multiculturalism including cross-cultural communication, culturally-biased assumptions, contrasting cultural values and culture shock. (3,0,0)

Prerequisites:
• BUAD 269
• BUAD 272 or BUAD 293
• third-year standing

Also offered by Distance Education

BUAD 309-3-3
Social Entrepreneurship
Organizations that focus their product or service on sustaining and developing their communities are increasing in number. These organizations can take
the form of non-profits, co-operatives and social enterprise businesses. This course takes a very hands-on approach to understanding and learning about the challenges that these organizations face. Through a service learning approach, class seminars and guest speakers, students will explore topics such as challenges in the non-profit sector, volunteer management, social entrepreneurship, corporate social responsibility, corporate philanthropy, and ethics. Students will be required to complete an applied community (service learning) project as a major component of the course. Students with credit for BUAD 339 will require permission of the department before taking this course. (3,0,0)

Prerequisites:
- third-year standing
- 6 cr CMNS or ENGL or 3 of each

BUAD 315-3-3
Management Science
Management science is a discipline that aids decision-making by applying a scientific approach to managerial problems. This course discusses quantitative methods and their extensive applications in business. Topics include linear programming, project scheduling, waiting line models, inventory management, simulation, Markov process, decision analysis, and forecasting. Use of computer software is an integral part of this course. (3,0,0)

Prerequisites:
- STAT 124 or STAT 121 or STAT 230
- third-year standing or admission to the Post Baccalaureate in Marketing and Data Analytics Program

Also offered by Distance Education

BUAD 319-3-3
Introduction to Management Consulting
This course introduces basic consulting skills to students. Through a service learning approach, students work in small teams and apply their expertise to complete consulting projects. These assignments are sourced from organizations on a broad range of management topics, such as social media, product sourcing, service delivery, analysing revenue streams and operational efficiency. (3,0,0)

Prerequisites:
- Third year standing, enrollment in the Entrepreneurship specialty of the BBA.

BUAD 330-3-3
International Business
This course examines small business operation in an international context and includes cultural, economic, financial, legal and political environments. (3,0,0)

Prerequisites:
- BUAD 116
- BUAD 123
- BUAD 195
- third-year standing

Also offered by Distance Education

BUAD 331-3-3
Project Management
This course is an introduction to project management. Theory and practice are blended into a term project which culminates in a project kick-off meeting. Project management software and templates will be used for the planning process. Topics include project management knowledge areas, process groups and industry best practices. (3,0,0)

Prerequisites:
- BUAD 128
- third-year standing

Also offered by Distance Education

BUAD 332-3-3
Selected Topics: Tourism and Hospitality
This course will focus on specialized topics in hospitality and tourism management. With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- third-year standing
- will be determined by the topic area

BUAD 333-3-3
Search Marketing
This course provides a framework for understanding the forces driving a competitive search marketing strategy. From this foundation, students will investigate current search marketing tools and techniques and learn how to use them to develop an effective on-line presence. (3,0,0)

Prerequisites:
- BUAD 128
- BUAD 200
- third-year standing

Also offered by Distance Education

BUAD 334-3-3
Events Planning
This course includes the creation of an event business plan for a client involving primary and secondary research. It requires students to work in teams and collaborate working with a real client. A situation analysis investigates consumer behaviour, targeting and positioning as related to the planning and operation of events. Further development of the event business plan requires examination and application of integrated marketing communications, sales, sponsorship, budgeting, risk management, staging, logistics and performance measures. (3,0,0)

Prerequisites:
- BUAD 272 or BUAD 293
- BUAD 200\(^1\) or BUAD 266\(^1\)
- third-year standing

\(^1\) minimum grade of 60 required

**BUAD 335-3-3**  
**Electronic Commerce**  
This course focuses on the recent growth of buying and selling goods and services over the Internet. It will examine Internet technology relevant to areas of existing marketing knowledge. A framework of understanding internet marketing and associated business models, online marketing possibilities, and implementation issues are covered. (3,0,0)

Prerequisites:
- BUAD 200
- BUAD 128
- third-year standing

Also offered by Distance Education

**BUAD 336-3-3**  
**Services Design & Development**  
(formerly BUAD 294) Students learn the design of an organizational service model using the gaps model of services design and apply it to a professional service organization. Students develop a new service concept using design thinking principles. The modelling explains those attributes that distinguish a service and how they work together. The students’ application is made to a for profit or non-profit organization. Students with credit for BUAD 294 cannot take BUAD 336 for further credit. (3,0,0)

Prerequisites:
- BUAD 176
- BUAD 200\(^1\) or BUAD 210\(^1\)
- third-year standing

\(^1\) minimum grade of 60 required

**BUAD 338-3-3**  
**Selected Topics: Marketing**  
This course will focus on specialized topics in marketing.

With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- third-year standing
- will be determined by the topic area

**BUAD 339-3-3**  
**Selected Topics: Management**  
This course will focus on specialized topics in management.

With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- third-year standing
- will be determined by the topic area

**BUAD 340-3-3**  
**Strategic Management I**  
This is the first of two courses in strategic management. It will draw upon critical thinking concepts and techniques to evaluate alternatives in a strategic management context. The case method will be used extensively. CPA (credit with BUAD 365). (3,0,0)

Prerequisites:
- BUAD 116
- BUAD 128
- BUAD 195
- BUAD 262
- BUAD 264
- third-year standing
- or Admission to any Business Administration Post-Baccalaureate Diploma Program.

Also offered by Distance Education

**BUAD 341-3-3**  
**Introduction to Non-Profit Management**  
This course introduces students to the areas of responsibility of managers of non-profit organizations, and provides a broad overview of the management challenges of the non-profit sector. Topics include scope and function of the non-profit sector, an overview of financial management, human resources management, strategic planning, and marketing functions within the non-profit sector. Specific issues are emphasized, including accountability, board selection, volunteer management, and fundraising.
Students with credit for BUAD 339 Topic: Introduction to Non-Profit Management can not take this course for further credit. (3,0,0)

Prerequisites:
• third-year standing in the BBA program

BUAD 343-3-3
Strategies for Personal Success
This course is an examination of a wide variety of strategies used by individuals who have achieved exceptional personal success in social, political or financial terms, and is aimed at articulating the students personal definition of success. (1.5,0,1.5)

Prerequisites:
• third-year standing

BUAD 344-3-4
Marketing Analytics and Data Analysis
This course provides learners with experience in the design, collection, and analysis of primary research. There is an emphasis on interpreting on-line web analytics and metrics to evaluate marketing strategy. Learners will analyze web and social media analytics, extract information and derive meaningful insights. (2,2,0)

Prerequisites:
• BUAD 210
• STAT 121 or STAT 124 or STAT 230

BUAD 345-3-3
Consumer Behaviour
This course examines how decisions are made in the marketplace by consumers. The study of consumer behaviour allows marketers to anticipate reactions to changes in the marketing mix and responses to new products. In addition, the course covers group influence, consumerism and branding. (3,0,0)

Prerequisites:
• BUAD 116
• third-year standing

BUAD 346-3-3
Sustainable Management
Formerly BUAD 339 Learners explore sustainability theory and sustainable management practices for private-sector business. Environmental, social and economic concepts are integrated and applied across business disciplines. Sustainability models and evaluation frameworks are used to understand how sustainability can impact strategic thinking, operational decision-making, and performance reporting. Student with credit for BUAD 339 Special Topics â€“ Environmentally Sustainable Enterprise cannot take BUAD 346 for additional credit. (3,0,0)

Prerequisites:
• third-year standing

BUAD 350-3-3
Capital Markets
This course provides the student with a contemporary view of capital markets. Students examine financial institutions and instruments. Among financial intermediaries, the key role of investment banking will be emphasized. Traditional instruments such as equity and debt securities, along with their derivatives and asset securitization will be discussed. Current events will also be discussed. (3,0,0)

Prerequisites:
• BUAD 296
• third-year standing

Also offered by Distance Education

BUAD 351-3-3
Tourism Planning and Development
This course explores the theories of tourism planning and sustainable development. The roles and interrelationships between government, non-government organizations, and the sector are examined in the context of local, national and international policy and planning frameworks. Learners examine the ecological and environmental impacts of tourism, tourism master plans, and global forces influencing travel. (3,0,0)

Prerequisites:
• TOUR 105 or BUAD 115 or BUAD 206 or BUAD 230

BUAD 352-3-4
Data Analytics in Accounting
Learners will apply data analytics to accounting and business environments, utilizing the IMPACT cycle to identify business questions, process data, communicate insights and track outcomes. Learners will simulate communication of insights to users employing data analysis and visualization tools. (2,2,0)

Prerequisites:
• BUAD 273
• BUAD 283
• STAT 121 or STAT 124 or STAT 230

BUAD 353-3-3
Derivative Securities
This course discusses the valuation methods and hedging strategies of options, futures, swaps and other financial derivatives. It presents a balance of the
in institutional details, theoretical foundations, and practical applications. (3,0,0)

Prerequisites:
• BUAD 350
• third-year standing

**BUAD 354-3-3**
**Financial Modelling for Equity Analysis and Valuation**
This hands-on course builds proficiency in analyzing and interpreting published financial statements, and building comprehensive financial models to facilitate investment decisions. Through modelling a number of case companies and interpreting the results, the course presents a balance of theoretical foundations and practical applications. (0,3,0)

Prerequisites:
• BUAD 128
• BUAD 195
• BUAD 296

**BUAD 356-3-3**
**Taxation and Investment Planning**
Learners examine the financial planning process, income tax legislation and advanced areas related to the practice of financial planning. Various investment products are explored. Different forms of business structures, including trusts, are examined in relation to financial planning. (3,0,0)

Prerequisites:
• BUAD 251
• MATH 114

Corequisites:
• BUAD 208

**BUAD 358-3-3**
**Global Trends in Tourism and Hospitality**
This course explores current trends in the global tourism and hospitality sector with an emphasis on the challenges facing the sector and its responses. Case studies address current and relevant topics such as transportation, destination management, marketing, and distribution management. Current developments in social media, corporate social responsibility, and sustainability are analyzed with the tourism context. (3,0,0)

Prerequisites:
• BUAD 115 or TOUR 105 or BUAD 206

**BUAD 359-3-3**
**Accounting - Contemporary Perspectives and Issues in Accounting**
Students will gain a broader perspective on the role of accounting, beyond recording transactions. Students will examine who key users are, how standards have evolved in response to user needs, the critical role accounting information plays in the capital markets, and other current topics in accounting. (3,0,0)

Prerequisites:
• BUAD 363 or BUAD 364

**BUAD 360-3-3**
**Canadian Financial Institutions**
This course will examine the role of banks and credit unions, trust companies, insurance companies and stock markets (the four pillars of Canadian finance) in financing and supporting small business. (3,0,0)

Prerequisites:
• BUAD 116
• BUAD 128
• BUAD 195
• BUAD 264
• third-year standing

**BUAD 361-3-3**
**Selected Topics: Finance**
This course will focus on specialized topics in financial services.

With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• third-year standing
• will be determined by the topic area

**BUAD 363-3-3**
**Audit Planning**
Learners study the principles of audit planning, and internal and external auditing. Learners use a working paper software program to plan a year-end audit engagement file. (Students with credit for BUAD 364 or BUAD 420 cannot take BUAD 363 for additional credit.) CPA (credit with BUAD 463). (3,0,0)

Corequisites:
• BUAD 273

Also offered by Distance Education

**BUAD 365-3-3**
**Cost Accounting**
This course provides an in-depth analysis of management and cost accounting issues. Costing methods for manufacturing and service businesses are examined. Other topics include service department cost allocation, variance analysis and
profitability analysis. CPA (credit with BUAD 466). Students with credit for BUAD 274 cannot take BUAD 365 for further credit. (3,0,0)

Prerequisites:
- BUAD 264
- BUAD 121

Also offered by Distance Education

**BUAD 367-3-3**
**Fraud Examination**
This course will provide a basic understanding of occupational fraud and the methods of detection and prevention. Topics included in the course are asset misappropriation, bribery and corruption, and fraudulent financial statements. (3,0,0)

Prerequisites:
- BUAD 263

**BUAD 368-3-3**
**Selected Topics: Advanced Accounting**
This course will focus on specialized topics in advanced accounting.

With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- Will be determined by the topic area

**BUAD 369-3-4**
**Canadian Income Tax II**
formerly BUAD 281
This course builds upon topics introduced in BUAD 208. It explores tax treatment of complex transactions with respect to various sources of taxable income, tax planning for small business, calculation of tax liability and integration of the tax system. Both corporate and personal taxes are examined. CPA (credit with BUAD 208).

Students with credit for BUAD 281 cannot take BUAD 369 for further credit. (4,0,0)

Prerequisites:
- BUAD 208

**BUAD 370-3-3**
**Leadership**
Learners will examine what leadership involves and its influence and relationship amount leaders and followers. Theories, approaches, and models of leadership will be explored to analyze effectiveness in managing diverse, changing, and global environments. Students will assess their own potential for leadership through in-depth examination of concepts such as personality styles, emotional intelligence, and values. (3,0,0)

Prerequisites:
- BUAD 262
- Third-year standing

**BUAD 371-3-3**
**Organizations and Society**
This course will examine the impact of organizational decisions on society. It will explore the models, frameworks and standards of business ethics, corporate social responsibility (CSR) and Environmental, Social and Corporate Governance (ESG). Students will engage in real-world case studies as part of this course. (3,0,0)

Prerequisites:
- Third year standing

**BUAD 374-3-3**
**Employment Law**
Utilizing case studies and interactive lectures, this course examines in-depth the common law and statutory rules that govern the employment relationship in non-unionized working environments in British Columbia. Areas of study include the legal components of employment, the rights and obligations of employers and employees, and the modification of their relationship through the use of employment agreements. (3,0,0)

Prerequisites:
- BUAD 209
- BUAD 269
- Third-year standing

**BUAD 375-3-3**
**Strategic Human Resource Planning**
formerly part of BUAD 270
This course focuses on the strategic nature of human resource planning. Topics include forecasting employee demand and supply; evaluating the need, design and applications of Human Resource Information Systems (HRIS); identifying changes to human resources functions; planned and unplanned change; and change management and innovation.

Students who have credit for BUAD 270 can not take BUAD 375 for further credit. (3,0,0)

Prerequisites:
- BUAD 269
- BUAD 340
Also offered by Distance Education

BUAD 376-3-3
Compensation and Benefits
This course provides an in-depth study of compensation and benefits. Legislation, union and non-union environments, direct and indirect compensation systems, and current topics are included. Students with credit for BUAD 245 cannot take BUAD 376 for additional credit. (3,0,0)

Prerequisites:
• BUAD 269 and third year standing.

BUAD 379-3-3
Selected Topics: Human Resources
This course will focus on specialized topics in human resources management.

With different topics this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• third-year standing
• will be determined by the topic area

BUAD 382-3-3
Operations Management
Providing goods or services requires considerable management effort in selecting appropriate processes, determining inventory needs and procedures, sizing productive capacity, determining workforce levels, and assuring quality in the end product or service. This course investigates the decisions required by management and the quantitative and qualitative techniques applicable to the decision process. Emphasis is on forecasting, resource planning, lean systems, project management, process selection, layout, location, and planning.

Students with credit for BUAD 282 may not take BUAD 382 for additional credit. (3,0,0)

Prerequisites:
• BUAD 128
• BUAD 264
• MATH 114
• STAT 121 or STAT 124

BUAD 390-3-3
Properties Management
This course examines the management and maintenance of hotel facilities and building services including managerial methods and systems in housekeeping and engineering departments, key building systems and environmental issues relating to the management of lodging facilities. It examines the challenges of balancing revenue issues with demands and constraints imposed by regulations and other health, safety and security. (3,0,0)

Prerequisites:
• BUAD 111
• BUAD 116
• BUAD 123
• BUAD 195
• third-year standing

Also offered by Distance Education

BUAD 401-3-3
International Trade Management
This course introduces students to the process of globalization and its implications for business firms and managers involved in international trade. It will analyze the factors involved in operating a business internationally, international competitiveness, international marketing, and international logistical issues. The attendant financial political, economic and operating risks will also be examined. Strategies that businesses can use to compete in such an environment will be developed. (3,0,0)

Prerequisites:
• BUAD 330

BUAD 410-3-3
Organization Change and Development
Organizational Development is an applied behavioural science dedicated to improving organizations and their human resources through planned change and renewal processes. It involves systematic, planned interventions using behavioural science knowledge to improve organizational health and effectiveness. In this course students learn organization change consultancy models, facilitate seminars and use advanced critical thinking and case analysis skills. (3,0,0)

Prerequisites:
• BUAD 262
• BUAD 269
• BUAD 340
• fourth-year standing

BUAD 411-3-3
HR Metrics & Analytics
This course provides learners with an opportunity to apply a human capital approach to the development of human resources and workforce measures that are aligned with an organization’s strategy. Strategy maps are used to clarify how workforce success can be achieved via the development and measurement of strategically-aligned human resources deliverables.
Student with credit for BUAD 379 Selected Topics: HR Metrics cannot take BUAD 411 for additional credit. (3,0,0)

Prerequisites:
- BUAD 269
- BUAD 340 and third year standing

**BUAD 412-3-3**
**Strategic Performance Management**
Students will gain experience in assessing performance from a multiple of perspectives. To begin, students will learn the "planning, doing and reviewing" components inherent in performance management processes. Further, they will gain experience with the integration of strategy execution and performance measurement. Students will engage in the delivery of meaningful performance feedback.

Students with credit for BUAD 379 Topic: Strategic Performance Management cannot take BUAD 412 for further credit. (3,0,0)

Prerequisites:
- BUAD 269
- BUAD 340

**BUAD 413-3-3**
**Finance for Entrepreneurship**
Understanding the financial requirements for a new venture is critical to future success. In this course, students determine the amount of capital required, identify capital sources, construct financial management components and project management details for (their) Business Plan. This course is for students in the Entrepreneurship Stream only and must be taken with the other semester 7 courses (BUAD 314, 414, 416 & 370). (3,0,0)

Prerequisites:
- BUAD 112
- BUAD 195

Concurrent Registration: BUAD 370, BUAD 414, BUAD 416, BUAD 417

**BUAD 414-3-3**
**New Venture Creation**
Creating a new venture is a goal of the Entrepreneurship BBA. This course reinforces the connection between the entrepreneur, their opportunity and the iterative process of venture development. The course also looks at how to manage stakeholders and the overall project. Students will research resource requirements, explore the competitive landscape, practice team development and investigate future strategies. This course is for students in the Entrepreneurship Stream only and must be taken with other semester 7 courses (BUAD 370, 413, 416 & 417). (3,0,0)

Prerequisites:
- BUAD 336
- BUAD 340
- BUAD 415

Concurrent Registration: BUAD 370, BUAD 413, BUAD 416, BUAD 417

**BUAD 415-3-3**
**New Product Development**
This course explores the process of taking a product from the idea stage to the commercialization stage. Using a go/no go approach to decision-making, it examines the role of competitive intelligence, intellectual property, venture capital, prototyping, and technology transfer in the new product development process. During the course students will use case study analysis and computer simulations, and will develop a new product development strategy for an actual product. (2,1,0)

Prerequisites:
- BUAD 340

**BUAD 416-3-3**
**International Entrepreneurship**
This course explores the many dimensions and challenges of international venture creation and growth. It provides a framework for understanding the entrepreneurial process in global contexts. This course is for students in the Entrepreneurship Stream only and must be taken with other semester 7 courses (BUAD 370, 413, 416 & 417). (3,0,0)

Prerequisites:
- BUAD 370
- BUAD 413
- BUAD 414
- BUAD 417

**BUAD 417-3-3**
**Marketing for Entrepreneurs**
This course will explore the marketing needs of an entrepreneur when starting a business and launching new products or services. This course builds on marketing theory and research methodology as they relate to effective decision-making for SMEs in the 21st century. Topics covered include buyer and seller behavior in the informal, sharing and online economies, customer value and relationship marketing, sustainability, culture and marketing ethics. This course is for students in the Entrepreneurship Stream only and must be taken with other semester 7 courses (BUAD 370, 413, 416 & 417). (3,0,0)
Prerequisites:
- BUAD 212
- BUAD 336
- BUAD 415

Concurrent Registration: BUAD 370, BUAD 413, BUAD 414, BUAD 416

**BUAD 425-3-3**  
**Business and Canadian Government Policy**  
This course examines Canadian government institutions, structures and practices that impact business planning and operations. Industry associations are studied with a special focus on government agencies and programs that offer assistance and services to small and medium sized businesses. Decision-making models are introduced to understand government policy formation. Key federal, provincial and municipal legislation and policies are examined. Students with credit for BUAD 325 cannot take BUAD 425 for further credit. (3,0,0)

Prerequisites:
- BUAD 113  
  or ECON 115 and ECON 125  
- third-year standing

Also offered by Distance Education

**BUAD 430-3-3**  
**Institutions of International Trade**  
This course examines foundation topics in international business law. It broadens student understanding of the divergent legal systems and legislative regimes that they will encounter in international business. It creates an understanding of how and why these divergent systems affect business risks, opportunities and profitability of international business. Students study effective international business strategies and the instruments used in international business transactions. (3,0,0)

Prerequisites:
- BUAD 209  
- BUAD 330

**BUAD 432-3-3**  
**Selected Topics: Tourism and Hospitality**  
This course will focus on specialized topics in tourism and hospitality management. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 433-3-3**  
**Applied Search Marketing**  
Students apply professional search marketing techniques to the online presence of selected client organizations in order to improve the effectiveness of the clients’ marketing campaigns. (3,0,0)

Prerequisites:
- BUAD 333  
- BUAD 335  
- Students must also be admitted to a BBA program with fourth-year standing or Admission to a Business Post-Baccalaureate Diploma.

**BUAD 438-3-3**  
**Selected Topics: Marketing**  
This course will focus on specialized topics in marketing. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 439-3-3**  
**Selected Topics: Management**  
This course will focus on specialized topics in management. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 449-3-3**  
**Sustainable Tourism and Stewardship**  
Tourism and the environment are diverse, complex, and interrelated systems. This course examines stewardship and sustainability within an interdisciplinary context. Students examine the impacts of tourism and approaches applied to global issues, such as climate change and poverty reduction and the pressures tourism places on social and physical environments. (3,0,0)

Prerequisites:
- BUAD 351

**BUAD 450-3-3**  
**Investment Management**  
In this course students will gain the knowledge and skills required for success as an investment professional or an individual investor. Topics include investment and portfolio theory, techniques for security analysis (fundamental and technical), valuation and management of various investment
products, international investing, and portfolio management and performance evaluation. Careers and ethics in investment management will be discussed. (3,0,0)

Prerequisites:
- BUAD 350
- third-year standing

Also offered by Distance Education

**BUAD 460-3-3**
**Investing in Financial Institutions**
The focus of this course is investment analysis and valuation of financial institutions (FI’s) such as banks, insurance companies, and asset management firms, both domestic and international. The students gain key insights of FI’s strategic positioning, product mix and risk management practices. The students build and examine comprehensive quantitative models for financial analysis, forecasting and valuation of FI shares. In addition, the course reviews the evolution of the regulatory framework for FI’s in Canada and globally. (3,0,0)

Prerequisites:
- BUAD 350

BUAD 461-3-3
**Applied Corporate Finance**
This course uses the case method to build on concepts learned in earlier finance courses by applying those concepts to specific finance problems in a real business setting. Through discussion of key concepts such as cost of capital, capital budgeting, optimal capital structure, financing alternatives and business valuation, students learn the analytical techniques necessary to make rational financial decisions. (3,0,0)

Prerequisites:
- BUAD 195
- BUAD 296
- BUAD 264

Corequisites:
- BUAD 340

**BUAD 462-3-4**
**Advanced Financial Accounting**
This is the final course in the financial accounting sequence. Topics such as financial reporting and standard setting, financial instruments, income tax allocation, business combinations and consolidations, foreign currency hedges and translation, and accounting for not-for-profit and government organizations. Students with credit for BUAD 362 cannot take BUAD 462 for additional credit. CPA credit. (4,0,0)

Prerequisites:
- BUAD 273

Also offered by Distance Education

**BUAD 463-3-3**
**Internal Control & Auditing**
Learners develop and evaluate an internal control system and learn how to conduct an audit. Learners apply audit techniques by completing an audit case scenario using a working paper software program. (Students with credit for BUAD 364 or BUAD 420 cannot take BUAD 463 for additional credit.) CPA (credit with BUAD 363). (3,0,0)

Prerequisites:
- BUAD 363
- BUAD 273

Also offered by Distance Education

**BUAD 466-3-3**
**Advanced Managerial Accounting**
This is the final course in the managerial accounting sequence. Topics include cost/volume/profit analysis, pricing theory, product costing, variance analysis, management control systems, capital budgeting, cost management, decentralization and transfer pricing, performance measures, ethical considerations, and decision making. Managerial accounting concepts for not-for-profit and government or public organizations are also included. Students with credit for BUAD 366 cannot take BUAD 466 for additional credit. CPA (credit with BUAD 365) (3,0,0)

Prerequisites:
- BUAD 274 or BUAD 365

Also offered by Distance Education

**BUAD 468-3-3**
**Selected Topics: Finance**
This course will focus on specialized topics in Financial Services. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 469-3-3**
**Selected Topics: Advanced Accounting**
This course will focus on specialized topics in advanced accounting. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 470-3-4**  
**Customer Relationship Management**  
This course provides marketing students with the concepts and analytical tools needed to understand the emerging field of Customer Relationship Management. Students will focus on developing skills in data mining, quantitative analysis and research. Additional areas of focus include procuring new information for decision making, creating a database and accurately reporting findings. Course emphasis is on experiential learning. (2,2,0)

Prerequisites:
- BUAD 268 or BUAD 210

Corequisites:
- BUAD 336

**BUAD 479-3-3**  
**Selected Topics: Human Resources**  
This course will focus on specialized topics in human resources management. (3,0,0)

Prerequisites:
- Admission to a BBA program and fourth year standing or Admission to a Business Post-Baccalaureate Diploma. Additional prerequisites may be required based on topic

**BUAD 480-3-3**  
**Strategic Management II**  
This course fully explores strategic management processes and analytical techniques. Students will conduct strategic analysis of a variety of business case studies, from small and mid-sized firms to large corporations. Whereas the prerequisite to this course concentrated on strategy formulation, this course focuses on strategic planning, implementing strategy and strategic change. Students with credit for BUAD 380 cannot take BUAD 480 for further credit. (3,0,0)

Prerequisites:
- BUAD 340

1 minimum grade of 60 required

**BUAD 491-3-3**  
**Business Research Methods**  
This course prepares students to work closely with businesses or organizations in an "entry-level" consulting capacity. Students will study research methodology and consulting practices used in the business community. Students will complete a project proposal, which meets the academic standards of the department and the requirements of the business client.

BUAD 491 is a capstone course in the BBA degree and is required for the BBA honours degree. This course is to be taken in the final year of the program. Students who have credit for BUAD 490 can not take BUAD 491 for further credit. (3,0,0)

Prerequisites:
- BUAD 315
- completion of 90 credits towards the BBA degree
- permission of the department

**BUAD 492-3-3**  
**Business Research Project**  
(formerly part of BUAD 490)

This course implements the research methodology and consulting practices learned in BUAD 491. Project work outlined in the research proposal (prepared in BUAD 491) provides the basis for the client's business proposal and the final project report. Student-led seminars provide opportunities for dealing collectively with project problems, and for presenting individual progress reports. A final project presentation involving students and invited business guests is required.

BUAD 492 is a capstone course in the BBA degree and is required for the BBA honours degree. This course is to be taken in the final year of the program. Students who have credit for BUAD 490 can not take BUAD 492 for further credit. (3,0,0)

Prerequisites:
- BUAD 491

**BUAD 498-3**  
**Directed Studies in Business**  
(formerly part of BUAD 490)

This course is open to students in the BBA program and may consist of supervised reading, participation in a seminar, and one or more applied research projects.

This three-credit course may be taken over one or two semesters. A student may receive credit for this course twice with a different topic.

Prerequisites:
- third-year standing
Culinary Arts

CA 101-180 hours
Lab Kitchen
This course introduces the learner to the various subjects that make up the Culinary Arts Certificate program. The daily activities follow the format of classroom instruction/lecture, individual and group study, followed by an instructional demonstration where appropriate and then a cooking assignment. Course content is drawn from blocks A to I of the provincial curriculum and includes program orientation, trade knowledge, kitchen safety, food safety, production procedures, ordering and inventory; stocks, soups and sauces; vegetable and starch cookery; meat, poultry and seafood cookery; salads and dressings; kitchen math; receiving and storing; breakfast and egg cookery. Reference: Block A: Occupational Skills; Block B: Stocks, Soups and Sauces; Block C: Fruits and Vegetables; Block D: Starches; Block E: Meats; Block F: Poultry; Block G: Seafood; Block H: Cold Kitchen; Block I: Dairy and Eggs; Block J: Baking; Block K: Beverages

CA 102-180 hours
Cold Kitchen
The cold kitchen is a production area where students are involved in the day-to-day running of the kitchen. Course content is drawn from blocks A, C, E, F, G and H (see CA 101 for reference) and includes the receiving and storing of foods, meat cutting and the production of various cold foods from sandwiches to buffet platters. The satellite food service outlets are also managed and staffed by students for the Level I cold kitchen.

CA 103-180 hours
Hot Kitchen
The hot kitchen is a production area where students are involved in the day-to-day running of the kitchen. Course content is drawn from blocks B, C, D, E, F, G and I (see CA 101 for reference) and includes fast food production, stocks, soups and sauces, vegetable and starch cookery and breakfast and egg cookery.

CA 104-180 hours
Bakery
The bakery is a production area where students are involved in the day-to-day running of the pastry kitchen. Course content is drawn from blocks A and J (see CA 101 for reference) and includes principles of baking, ingredients and nutrition, pastry and desserts, quick breads and yeast breads.

CA 105-180 hours
Restaurant
Students progress towards the latest culinary techniques and presentations during this course. Students in the restaurant component run both the food and service sides of a restaurant. Course content is drawn from blocks A to K inclusive (see CA 101 for reference). Students will be instructed in and given hands-on tasks related to every area of the curriculum both hot and cold.

CA 106-6 hours
Cook Level 1 Exam
In this course students will write the Cook Level I exam.

CA 201-150 hours
PC2 Lab
This course expands upon the concepts attained in PC1 training. The learner will build upon techniques and skills to achieve their Culinary Arts Certificate. The daily activities are structured with classroom instruction/lecture followed by practical cooking applications in a lab setting. Instructor demonstrations are applied where appropriate. Course content is drawn from Block A to H and Block J of the Provincial Curriculum and includes Occupational Skills; Stocks, Soups and Sauces; Fruits and Vegetables; Starches; Meats; Poultry; Seafood; Garde Manger; Baked Goods and Desserts. Reference: Block A: Occupational Skills; Block B: Stocks, Soups and Sauces; Block C: Fruits and Vegetables; Block d: Starches; Block E: Meats; Block F: Poultry; Bock G: Seafood; Bock H: Garde Manger; Block J: Baked Goods and desserts.

Prerequisites:
- Completion of PC1 or equivalent.

CA 205-150 hours
Restaurant
Students progress towards the latest culinary techniques and presentations during this course. Students in the restaurant component run both the food and service sides of a restaurant. Course content is drawn from blocks A to K inclusive (see CA 201 for reference). Students will be instructed in and given hands-on tasks related to every area of the curriculum both hot and cold.

CA 250-400 hours
Culinary Arts Co-op
To facilitate the ITA PC1 requirement of 400 hours of industry training, the 10 week Co-op placement will introduce students to real workplace environments, as well as provide perspectives to industry standards and expectations.

Prerequisites:
• PC1 completed.

**Culinary Arts Dual Credit**

**CADC 111-59 hours**  
**Lab Kitchen**  
This course introduces the learner to the various subjects that make up the Culinary Arts Dual Credit Certificate program. Course content is drawn primarily from blocks A (Occupational Skills) and B (Stocks, Soups and Sauces) of the provincial curriculum and includes program orientations, trade knowledge, kitchen safety, food safety, production procedures, ordering and inventory, stock, soup and sauce cookery.

**CADC 112A-107 hours**  
**Cold Kitchen - Salads**  
The salad station is a production area where students are involved in daily preparation of salads and dressings, block H (Cold Kitchen) of the curriculum.

**CADC 112B-107 hours**  
**Cold Kitchen - Sandwiches**  
The sandwich station is a production area where students are involved in daily preparation of all types of sandwiches, block H of the curriculum.

**CADC 113A-107 hours**  
**Hot Kitchen - Production**  
The production kitchen makes stocks and soup, cuts and cooks meat and receives supplies as they are delivered, blocks A (Occupational Skills), B (Stocks, Soups, and Sauces) and E (Meats).

**CADC 113B-107 hours**  
**Hot Kitchen - Short Order**  
The short order station prepares pastas, entrees, breakfasts and hamburgers, Blocks B (Stocks, Soups and Sauces), C (Fruits and Vegetables), D (Starches), E (Meats), F (Poultry), G (Seafood) and I (Dairy and Eggs).

**CADC 114-107 hours**  
**Bakery**  
The bakery prepares pies and desserts, quick breads and yeast goods, curriculum block J (Baking).

**CADC 115-6 hours**  
**Culinary Arts Level One Exam**  
In this course students will write the Cook Level I exam.

**Community Brain Injury**

**Building Service Worker**

**CBSW 100-9 hours**  
**Developing Professional Skills**  
Professionalism is the blending and integration of a variety of skills that model responsibility, integrity, accountability and excellence in the workplace. Basic skills and techniques for active listening, communication, conflict resolution, customer-service, time management, and personal presentation will be examined.

**CBSW 110-9 hours**  
**Chemistry of Cleaning**  
The principles of chemical safety and practices will be examined in relation to Workplace Hazardous Material Information System (WHMIS) training. Reading of labels and observing manufacturers’ recommendations will be studied to promote personal and property protection; and industry-approved "green" products will be introduced. A WHMIS certificate will be issued upon successful completion of this course.

**CBSW 120-24 hours**  
**General Cleaning**  
Principles of proper cleaning and maintenance procedures including tools required for cleaning, proper cleaning techniques and the safe use of floor polishers will be examined.

**CBSW 130-12 hours**  
**Carpet and Upholstery Cleaning**  
Industrial carpet and upholstery cleaning requires knowledge of their construction and fibres, and skills to maintain and clean them using commercial products and methods according to industry standards. All aspects of carpet and upholstery maintenance from daily cleaning to more advanced methods such as steam cleaning and shampooing will be examined.

**CBSW 140-33 hours**  
**Complete Floor Care**  
Principles and practices of complete floor care maintenance including scrubbing, stripping, sealing and finishing, spray buffing and burnishing, and using automatic scrubbers will be examined.

**CBSW 150-15 hours**  
**Special Area and Project Cleaning**  
Principles of proper cleaning procedures for specialized areas; the application of cleaning lights, ceilings, walls, windows, furniture, and metals; and the basics of recycling in the cleaning industry will be examined.
CBSW 160-12 hours
Industrial Kitchen Cleaning
The principles of proper cleaning procedures for Industrial kitchens, kitchen-cleaning equipment and specialized chemicals, and their correct use will be examined.

Commercial Creative Writing

Certified Dental Assistant

CDA 100-70 hours
Anatomy, Histology, Embryology & Pathology
This course teaches students the theory and practical application of oral health sciences. Students will learn how these dental sciences apply to CDA practice. To meet the clinical application of this course students will be expected to identify oral tissues in a clinical setting.

Prerequisites:
• admission to the Certified Dental Assistant Program

Concurrent Registration: CDA 101, CDA 102, CDA 104, CDA 110

CDA 101-30 hours
Infection Prevention and Control
This course presents the principles and techniques of disease transmission and the background knowledge of bacteria and microbial characteristics of infection control. This course includes an orientation to the identification, function and maintenance of equipment found in dental offices. In clinic the students will demonstrate effective infection-control techniques to prevent transmission in the dental setting.

Prerequisites:
• admission to the Certified Dental Assistant Program

Concurrent Registration: CDA 100, CDA 101, CDA 102, CDA 104, CDA 110

CDA 102-56 hours
Preparation for Clinical Practice
This course introduces theoretical, pre-clinical and clinical application knowledge and dexterity to provide preventive dental care. This course also provides both dental assisting theory and practice, and behavioural sciences as it relates to the history and practice of the dental profession.

Prerequisites:
• admission to the Certified Dental Assistant Program

Concurrent Registration: CDA 101, CDA 102, CDA 104, CDA 110

CDA 104-95 hours
Restorative Fundamentals
In this course learners acquire foundational knowledge in the theory and principles of restorative dentistry including amalgam and composite fillings, missing materials, isolation techniques and pain control.

Prerequisites:
• admission to the Certified Dental Assistant Program

Concurrent Registration: CDA 100, CDA 101, CDA 102, CDA 110

CDA 110-175 hours
Clinic Lab I
This course provides the learner with opportunities to develop knowledge, skills, values and competencies to perform the certified dental assisting skills required for general practice. Learners practice and demonstrate clinical competencies while integrating the concepts of professional conduct, safe practice and effective communication. Learners participate in skill demonstrations, practice sessions and evaluations of the practical skills/objectives learned in classroom theory.

Prerequisites:
• Admission to the Certified Dental Assistant program

Concurrent Registration: CDA 100, CDA 101, CDA 102, CDA 104

CDA 200-50 hours
Dental Radiography
In this course learners acquire the foundational knowledge for dental radiographic procedures, techniques, safety and quality assurance.

Prerequisites:
• CDA 100
• CDA 101
• CDA 102
• CDA 104
• CDA 110

Concurrent Registration: CDA 201, CDA 202, CDA 203, CDA 210

CDA 201-70 hours
Dental Specialties
In this course learners acquire the foundational
knowledge related to the special disciplines of dentistry including Pediatrics, Periodontics, Endodontics, Oral and Maxillofacial Surgery, Orthodontics, Forensic Odontology and Geriatrics.

Prerequisites:
- CDA 100
- CDA 101
- CDA 102
- CDA 104
- CDA 110

Concurrent Registration: CDA 200, CDA 202, CDA 203, CDA 210

CDA 202-45 hours
Preventive Dental Procedures
In this course learners acquire foundational knowledge needed to provide direct preventive patient care. Individualized treatment planning is covered.

Prerequisites:
- CDA 200
- CDA 201
- CDA 203
- CDA 210

Concurrent Registration: CDA 200, CDA 201, CDA 203, CDA 210

CDA 203-56 hours
Dental Office Practicum
In this course learners provide dental services to patients in a supervised, practical experience placement with emphasis on chair side services. Learners gain practical experience at an assigned general dental office.

Prerequisites:
- CDA 100
- CDA 101
- CDA 102
- CDA 104
- CDA 110

Concurrent Registration: CDA 200, CDA 201, CDA 203, CDA 210

CDA 300-30 hours
Dental Office and Employment Skills
In this course learners acquire the information and foundational knowledge related to the business procedures of a dental practice and employment as a Certified Dental Assistant. Learners complete a capstone project using dental software.

Prerequisites:
- CDA 200
- CDA 201
- CDA 202
- CDA 203
- CDA 210

Concurrent Registration: CDA 301, CDA 310
1 minimum grade of P required

CDA 301-40 hours
Fixed and Removable Prosthodontics
In this course learners acquire the foundational knowledge related to prosthodontics such as fixed or removable prostheses and dental implant procedures.

Prerequisites:
- CDA 200
- CDA 201
- CDA 202
- CDA 203
- CDA 210

Concurrent Registration: CDA 300, CDA 310
1 minimum grade of P required

CDA 200-160 hours
Clinic Lab II
This course provides the learner with opportunities to develop knowledge, skills, values and competencies to perform the certified dental assisting skills required for general practice. Learners practice and demonstrate clinical competencies while integrating the concepts of professional conduct, safe practice and effective communication. Learners participate in demonstrations, practice sessions and evaluations of the practical skills/objectives learned in the classroom theory.

Prerequisites:
- CDA 200
- CDA 201
- CDA 202
- CDA 203
- CDA 210

Concurrent Registration: CDA 200, CDA 201, CDA 202, CDA 203

CDA 302-75 hours
Direct Patient Care
In this course learners manage the dental clinic and provide preventive dental services to patients under the supervision of a dentist. The learner will demonstrate competency in the intra-oral skills that are legislated under the Health Professions Act for Certified Dental Assistances in British Columbia.
Prerequisites:
• CDA 203\(^1\)

Concurrent Registration: CDA 300, CDA 301
\(^1\) minimum grade of P required

**CDA 303-80 hours**
**Dental Office Practicum**
In this course learners provide all the dental services of a Certified Dental Assistant in British Columbia. Learners are assigned to and supervised in a general dental office.

Prerequisites:
• CDA 300
• CDA 301
• CDA 302

Concurrent Registration: CDA 302

**CDA 310-60 hours**
**Clinic Lab III**

Prerequisites:
• CDA 200
• CDA 201
• CDA 202
• CDA 203
• CDA 210

Concurrent Registration: CDA 300, CDA 301, CDA 302, CDA 303

**Career Facilitator**

**Advanced GIS**

**CGIS 101-100 hours**
**GIS Essentials**
This course provides students with an in-depth understanding of how to create maps using ArcGIS software while learning the fundamentals of cartography. Students become familiar with both spatial data and the attributes used to describe the spatial data as well as how to filter data using query definitions.

**CGIS 102-25 hours**
**GIS Data**
In this course students learn the skills necessary to identify and work with the main datasets used in GIS. Students will create new GIS data as well as edit existing data. Students learn to edit both spatial data and the associated attributes.

**CGIS 103-25 hours**
**GIS Project #1**
In this course students complete a major GIS project and present it to the class for review and feedback. Students will demonstrate their knowledge of the topics covered and will be required to complete both a printed map and a written project proposal.

**CGIS 104-25 hours**
**GPS**
Students are introduced to GPS technologies to gather data for use in a GIS

**CGIS 105-75 hours**
**GIS Analysis & Automation**
In this course students learn the skills needed to perform GIS analysis through the use of geoprocessing. Students learn how to automate geoprocessing by designing, building and running models and will be introduced to scripting GIS processes using Python.

**CGIS 106-75 hours**
**Relational Databases**
In this course students develop the skills necessary to work with modern database technologies. They will apply their skills by designing and building databases and by connecting to databases from within ArcGIS

**CGIS 107-25 hours**
**GIS Project #2**
Students complete a major GIS project and present it to the class for review and feedback. Students will demonstrate their knowledge of the topics covered and will be required to complete both a printed map and a written project proposal.

**CGIS 108-25 hours**
**Raster Analysis**
Students will develop the skills needed to work with raster data and perform analysis using the ArcGIS Spatial Analyst extension.

**CGIS 109-25 hours**
**3D Modeling**
Students will develop the skills needed to create 3D models and perform analysis on the models using GIS.

**CGIS 110-25 hours**
**Geometric Networks**
Students will examine geometric networks and their use as a GIS tool to solve complex problems.

**CGIS 111-25 hours**
**Linear Referencing**
Students are introduced to linear referencing. Students will develop the understanding and skills necessary to implement linear referencing solutions.
CGIS 112-15 hours
Temporal Data & Animation
Students will develop the skills needed to use time based GIS data in their workflows and to create animations for presentation.

CGIS 113-10 hours
Map Books
Students will develop the skills needed to create map books and atlases.

CGIS 114-25 hours
Directed Project
Students complete an assigned project that is intended to challenge their understanding of a wide range of the topics covered during the program.

Chemistry

For courses numbered 100 or higher, the prerequisite(s) may be waived by the Chemistry department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

CHEM 075-40 hours
Topics in Chemistry
Topics in Chemistry may include, but is not limited to, the scientific method, measurement, matter, compounds, solutions, the periodic table, gas chemistry, the chemistry of carbon, chemical energetics, chemical equilibria, acids, bases, salts, and electrochemistry. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• ABE MATH 0721 or ABE IALG 0112 or Principles of Mathematics 103 or Introductory Algebra 113 or the corequisite of ABE ENGL 011 or the corequisite of ABE COMP 011

Corequisites:
• ABE ENGL 080

CHEM 085-40 hours
Topics of Chemistry
Topics in Chemistry may include, but are not limited to, the scientific method, measurement, matter, compounds, solutions, the periodic table, gas chemistry, the chemistry of carbon, chemical energetics, chemical equilibria, acids, bases, salts, and electrochemistry. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• ABE CHEM 0111 or Chemistry 112

Corequisites:
• ABE MATH 011

CHEM 011-112 hours
Chemistry - 011
This course is an introduction to the study of chemistry with an emphasis on mathematical concepts. Topics include measurement, physical and chemical nature of matter, quantitative composition of compounds, stoichiometry and solution chemistry, periodic table, the gaseous nature of matter, gas stoichiometry and the chemistry of carbon. A laboratory component is included.

Prerequisites:
• ABE MATH 0841 or ABE MATH 0852 or ABE IALG 0112 or Principles of Mathematics 103 or Introductory Algebra 113 or Pre-Calculus 103
• ABE ENGL 0702 or ABE ENGL 0712 or ABE ENGL 0722 or a minimum ABLE test score of 68/80 and an Advanced Level writing sample.

CHEM 012-96 hours
Chemistry 012
A continuation of Chemistry 11, Chemistry 012 includes reaction kinetics, chemical equilibrium, acids, bases and salts, gas laws, and electro-chemistry. Optional topics may include: organic functional groups, thermochemistry, nuclear chemistry, biochemistry, environmental ethics and industrial applications. Laboratory work will complement the lecture topics.
Prerequisites:
• Chemistry 11\(^1\) or ABE CHEM 011\(^2\)

Corequisites:
• ABE MATH 011

CHEM 111-3-7
Principles of Chemistry I
This course is intended for physical science and engineering students. Content includes: a study of the fundamental principles of chemistry with particular reference to stoichiometry, atomic structure and periodic properties, chemical bonding and the physical properties of solids, liquids and gases. A lab component will illustrate the behaviour of chemical systems and the precise techniques of quantitative analysis. (4,3,0)

 CHEM 117-3-6
Introduction to Forensic Science
This course is an introduction to the major areas of forensic science including techniques used in the collection, preservation, and analysis of evidence. The theory and analysis behind biological (blood, saliva, DNA), chemical (drugs, poisons, toxicology), and physical (fire, firearms) evidence introduced in criminal proceedings will be evaluated including their uses, interpretation, and limitations. The laboratory component will provide practical experience with several basic forensic techniques. (3,3,0)

CHEM 118-3-6
Introductory Chemistry for Water Engineering Technology
This course will provide students with an introduction to the study of chemistry with particular reference to the practical applications of stoichiometry, solutions, atomic structure and periodic properties, chemical bonding, molecular structure, and equilibrium. The lab component will emphasize the techniques of quantitative and qualitative analyses. Students with credit for CHEM 115 cannot take CHEM 118 for further credit. (3,3,0)

CHEM 121-3-7
Principles of Chemistry II
This course is a continuation of CHEM 111 and CHEM 112 with particular reference to organic chemistry, thermodynamics, chemical equilibrium, chemical kinetics, and acid-base chemistry. The laboratory program introduces a series of experiments in organic and physical chemistry illustrating concepts discussed in lectures. (4,3,0)

Prerequisites:
• CHEM 111 or CHEM 112

Also offered by Distance Education

CHEM 122-3-7
Introductory Chemistry II
A continuation of CHEM 112 including topics in organic and biological chemistry, thermodynamics, chemical equilibrium, and chemical kinetics. The laboratory program complements the lecture material. (4,3,0)

Prerequisites:
• CHEM 112 or CHEM 111

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required
\(^3\) minimum score of 60 required
\(^4\) minimum grade of 60 required
Also offered by Distance Education

CHEM 128-3-6
Water Chemistry
This course introduces students to the study of aqueous environmental chemistry with reference to the essential role of water in environmental sustainability. The composition and properties of natural water systems, as well as phase interactions, redox reactions, complexation, ion exchange and microbial transformations within aquatic systems will also be examined. The lab component will emphasize the techniques of quantitative and qualitative analyses of natural waters. Students with credit for CHEM 125 cannot take CHEM 128 for further credit. (3,3,0)

Prerequisites:
• CHEM 118

CHEM 151-3-6
Introductory Chemistry for Viticulture
Learners will obtain a fundamental understanding of chemistry with particular relevance to the grape and wine industry. Topics will include atomic structure, chemical bonding, properties of gases, acidity, stoichiometry, the major organic classes, stereochemistry, mechanism of reactions and impacts of viticulture practices on secondary metabolites. The lab component will include techniques of quantitative analysis, synthesis, purification and identification of compounds. (3,3,0)

Prerequisites:
• MATH 125

CHEM 161-2-2
Industrial Chemical Processes I
This course introduces chemical processes involved in major industrial settings. Topics covered include the chemical industry and large-scale chemical manufacturing, inorganic and fermentation process, the conversion of petroleum into purified chemical substances, and the environmental impact of these and other processes. (2,0,0)

Prerequisites:
• admission to the Analytical Chemistry Technology diploma program

CHEM 162-3-6
Environmental Chemistry
This course is an introduction to the fundamental chemical principles that govern environmental processes. Topics will include the interaction of the atmosphere, hydrosphere, lithosphere, and biosphere, fate and transport of environmental pollutants, greenhouse gases and global warming, and environmental remediation processes. The laboratory component will include methods commonly used in laboratory analysis for a variety of environmental parameters. (3,3,0)

Prerequisites:
• admission to the Analytical Chemistry Technology diploma program

CHEM 163-3-3
Analysis Quality Assurance and Quality Control
This course covers the practical aspects of analytical chemistry including the principles of quality assurance/quality control (QA/QC) as well as sampling, sample preparation, method development, calibration methods, and LIMS. The student will gain a detailed understanding of requirements necessary to obtain chemical data of proven and known quality. Students will apply QA/QC principles to actual data in a statistical manner. (3,0,0)

Prerequisites:
• STAT 121
• admission to the Analytical Chemistry Technology diploma program

Corequisites:
• CHEM 226

CHEM 211-3-6.5
Physical Chemistry
Designed for science majors. Topics include thermodynamics and kinetics as they apply to chemical and physical systems. An accompanying laboratory program illustrates instrumental analytical techniques and measurement of specific physical and chemical properties.

Students should note that CHEM 211 and 221 are distinct and independent one-semester courses.

Students attend a one-hour tutorial on alternate weeks. (3,3,0.5)

Prerequisites:
• CHEM 121 or CHEM 122
• MATH 122
• a minimum grade of 65% in CHEM 122 is strongly recommended.
• MATH 212 is recommended for those planning to take further physical chemistry courses.

CHEM 212-3-7
Organic Chemistry I
A study of the fundamental principles of the chemistry of carbon compounds including mechanism of reactions for the main classes of compounds, their molecular conformation and their stereochemistry. The laboratory component will introduce techniques...
for the synthesis, purification and identification of compounds, and will include a problem based learning approach. (3,3,1)

Prerequisites:
- CHEM 121 or CHEM 122
- a minimum grade of 65% in CHEM 122 is strongly recommended

CHEM 218-3-6
Applications of Environmental Chemistry
This course is an introduction to the application of chemical principles that govern environmental processes. Topics will include atmospheric chemistry, climate change, renewable energy, fate and transport of environmental pollutants, and environmental remediation processes. The laboratory component will include methods commonly used in laboratory analysis for a variety of environmental parameters. Students with credit for CHEM 214 cannot take CHEM 218 for further credit. (3,3,0)

Prerequisites:
- CHEM 128 or CHEM 121 or CHEM 122

CHEM 221-3-6.5
Inorganic Chemistry
This course is a study of the unique chemistry of transition metals and their compounds. Topics will include inorganic synthesis, structure, properties and reaction mechanisms. The laboratory component involves the synthesis and analysis of some interesting and colourful compounds as well as a minor project. (3,3,0.5)

Prerequisites:
- CHEM 121 or CHEM 122
- a minimum grade of 65% in CHEM 122 is strongly recommended

CHEM 222-3-6
Organic Chemistry II
A continuation of CHEM 212 including such topics as the chemistry of aromatic and carbonyl compounds, and the determination of structure using various spectral methods. The laboratory component will illustrate various types of organic syntheses and will include a problem-based-learning approach. (3,3,0)

Prerequisites:
- CHEM 212

CHEM 225-3-6
Introduction to Analytical Chemistry for WET
This course covers simple statistics, quality control, and quality assurance for analytical data. Classical methods of analysis are examined as well as instrumental techniques used in analytical chemistry including chromatography, electrochemistry, and spectroscopy, along with various methods of calibration. Course content focuses on applications towards water engineering technology and the laboratory emphasis is on application of these techniques to water quality testing. Students with credit for CHEM 226 cannot take CHEM 225 for further credit. (3,3,0)

Prerequisites:
- CHEM 121 or CHEM 122 or CHEM 128

CHEM 226-3-6
Introduction to Analytical Chemistry
This course covers simple statistics, quality control, and quality assurance for analytical data. Classical methods of analysis are examined as well as instrumental techniques used in analytical chemistry including chromatography, electrochemistry, and spectroscopy, along with various methods of calibration. Course content and laboratory emphasis will be on applications such as consumer product analysis and environmental monitoring. Students with credit for CHEM 224 or 225 cannot take CHEM 226 for further credit. (3,3,0)

Prerequisites:
- CHEM 121 or CHEM 122 or CHEM 128

CHEM 251-3-4.5
Industrial Chemical Process II
A continuation of CHEM 161, this course investigates the main aspects involved with chemical processing industries. Basic engineering principles involved in the operation of these industries including the selection of various unit operations and equipment will be investigated. The laboratory component (three hours every second week) will investigate common laboratory procedures used in these industries. (3,1.5,0)

Prerequisites:
- CHEM 161
- CHEM 163

CHEM 252-3-6
Chromatographic Analysis I
This course introduces the basic theory and instrumentation of chromatographic separation techniques. Topics include column theory, methods of qualitative and quantitative analysis, and the application of these techniques to various separation problems. The experiments performed in the laboratory will emphasize hands-on instrument set-up, operation, maintenance, trouble shooting, and method development. (3,3,0)

Prerequisites:
CHEM 226
CHEM 163

CHEM 253-3-6
Physical Chemical Processes
This course covers topics in thermodynamics, kinetics, catalysis, and kinetic theory of gases. These concepts will be used to predict the probability of a chemical reaction or process occurring. The laboratory will illustrate measurement of specific physiochemical properties. (3,3,0)

Prerequisites:
• CHEM 163
• CHEM 122

CHEM 254-3-6
Spectroscopic Analysis
This course introduces the general principles, instrumentation, and applications of spectroscopic techniques. The experiments performed in the laboratory will emphasize hands-on instrument set-up, operation, maintenance, trouble shooting, and method development. (3,3,0)

Prerequisites:
• CHEM 163
• CHEM 226

CHEM 255-3-4.5
Applied Organic Chemistry
This course introduces the fundamentals of structure, bonding, and properties of the main functional groups found in the organic molecules. The laboratory (three hours every second week) will introduce basic organic techniques as well as applications of spectroscopic techniques of analysis to investigate chemical and biochemical problems. (3,1.5,0)

Prerequisites:
• CHEM 122
• CHEM 163

CHEM 261-3-4
Laboratory Instrumentation
This course covers the basics of applications of instrumental measurements. The theory, applications, and limitations associated with various electrochemical analysis methods, specialized spectroscopy methods, and surface microscopy are covered. Thermal analysis methods, radiochemical analysis methods, and flow injection analysis are also introduced. (0,4,0)

Prerequisites:
• CHEM 163
• CHEM 226

CHEM 262-3-6
Chromatographic Analysis II
A continuation of CHEM 252, this course introduces the applications of chromatographic separation techniques in relation to electrophoresis, Gas Chromatography - Mass Spectrometry (GC-MS), Liquid Chromatography-Mass Spectrometry (LC-MS), and other methods. The experiments performed in the laboratory include extractive techniques, ion exchange, size exclusion, affinity chromatography, electrophoresis, GC-MS, LC-MS, and biopolymer purifications. Hands on instrument set-up, operation, maintenance, trouble shooting, and method development will be emphasized. (3,3,0)

Prerequisites:
• CHEM 252

CHEM 263-3-6
Applied Biochemistry
This course combines the study of the most important aspects of biological chemistry such as proteins, nucleic acids, lipids, and carbohydrates and how these are metabolized in the body with a study of the instrumental methods used to analyze substances of biological importance. (3,3,0)

Prerequisites:
• CHEM 225

CHEM 264-3-4.5
Mineral Processing and Assaying
This course introduces inorganic nomenclature and bonding as applied to mineral processing and analysis. Sample preparation, common unit operations, and the determination of a variety of elements in ores, concentrates, and industrial process streams will be covered. Laboratory work (three hours every second week) provides exposure to practical bench scale experiments dealing with numerous unit operations and the simulation of manufacturing processes. (3,1.5,0)

Prerequisites:
• CHEM 163
• CHEM 226

CHEM 265-3-4.5
Petroleum Chemistry
This course deals with the production and processing of conventional crudes, natural gas, heavy oils, bitumen, and coal. The production, properties, and uses of fuels and lubricants from these sources is emphasized. Laboratory work (three hours every second week) includes the standard ASTM tests on gasolines, diesel fuels, aviation fuels, lubricating oils, bitumens, greases, and some of the representative tests on coal. (3,1.5,0)
Prerequisites:
- CHEM 225

CHEM 266-2-2
Laboratory Management
The management practices necessary to operate a laboratory will be covered including laboratory information management systems (LIMS), budgeting, and employee relations. The management aspects of workplace safety, government regulations, WHMIS, and Quality Assurance/Quality Control will also be addressed. (2,0,0)

Prerequisites:
- CHEM 163

Civil Engineering Technology

Prerequisites may be waived by the Civil Engineering Technology department. See prerequisite waiver.

CIEN 131-3-4
Drafting I
This course familiarizes students with the fundamentals of graphical communications using pencil sketching and computer aided drafting. Students will become familiar with the current version of AutoCAD as it applies to civil engineering drawings. Topics covered include: orthographic projection, geometric construction, scales, sections, dimensioning, pictorial drawings, plotting and file management. (2,2,0)

Prerequisites:
- admission to the Civil Engineering Technology program

CIEN 133-3-5
Concrete Technology
An introduction to the study of Portland cement concrete, both fresh and hardened, the function and properties of its components and additives. These studies will be supplemented with laboratory testing on properties of aggregates and fresh concrete. (2,3,0)

Prerequisites:
- admission to the Civil Engineering Technology program

CIEN 134-3-4
Statics and Strength of Materials I
A study of the basic static forces on structures, analysis of vectors, couples, and moments in two dimensions (coplanar). Simple stress and strain, and thermal affects are included. (2,2,0)

Prerequisites:
- admission to the Civil Engineering Technology program or admission to the Sustainable Construction Management Technology diploma program

CIEN 136-3-5
Applications for Engineering Principles
This course covers topics in measurements, force and motion, energy, simple harmonic motion, thermal energy, fluids at rest, fluids in motion and electricity. Emphasis is placed on using an engineering problem-solving approach to subject material. (3,2,0)

Prerequisites:
- admission to the Civil Engineering Technology program

CIEN 139-3-5
Construction Surveying I
An introduction in surveying and field practice as it relates to construction. The care and use of basic surveying instruments for the measurement of horizontal, vertical and angular distances will be included. Proper note-keeping techniques and computations are studied. (2,3,0)

Prerequisites:
- admission to the Civil Engineering Technology program

CIEN 141-3-4
Drafting II
A continuation of CIEN 131 with emphasis on civil drafting. Course work will be completed using AutoCAD. Topics include typical X-sections, plan and profiles, and building plans. Graphic presentation for reports, mapping, and structural detailing. (2,2,0)

Prerequisites:
- CIEN 131

CIEN 143-3-5
Highway Material Testing I
A continuation of CIEN 133. Lecture material includes the handling, placing, consolidating, finishing, curing of concrete, and types and uses of concrete mixtures. The laboratory portion includes concrete compression testing, concrete mix design, and adjustment and evaluation. Introductory engineering soils: soil types, phase relationships, consistency, classification and compaction, with laboratory testing of moisture content, washed sieve analysis, index properties, moisture-density relationships and in-place density are covered. (2,3,0)

Prerequisites:
- CIEN 133
CIEN 144-3-4
Statics and Strength of Materials II
Topics include centroid, moments of inertia, section moduli of standard structural members, torsion, bolted and welded joints, shear and moments in beams, stresses in beams, design of beams and columns in timber and steel. (2,2,0)

Prerequisites:
• CIEN 134

CIEN 145-3-6
Elementary Hydraulics
This course includes classical hydraulic phenomena: liquid and fluid characteristics; viscosity, static and dynamic pressures; energy and momentum principles; continuity; energy loss in pipes and open channels. (3,3,0)

CIEN 147-2-3
Software Applications for Engineering Technology
This course familiarizes students with computer software used in industry. Students will acquire skills in word processing, spreadsheets and presentation software as applied to engineering applications. The course will introduce students to industry standard software including land development, hydraulics and structures. (1,2,0)

Prerequisites:
• COSC 115

CIEN 148-3-4
Structural Design
This course applies Limits States Design to occupancy and environmental loads for buildings. It also introduces students to practical structural design methods using steel. Students will gain an understanding of the basic structural properties of steel. (3,1,0)

Prerequisites:
• CIEN 136

CIEN 149-3-5
Construction Surveying 2
A continuation of CIEN 139. Basic surveying theory and practice relating particularly to construction surveying, traversing, area and volume determination, municipal surveying and building layout are studied. Use of computer assistance in surveying note reduction and computation will be included. (2,3,0)

Prerequisites:
• CIEN 139

CIEN 231-3-4
Watershed Management
Physical watershed characteristics and how they relate to watershed processes will be examined in this course. Topics covered include geology, groundwater hydrology, slope processes, fish habitat, water quality and restoration. This course provides the students with a background in watershed management. (2,2,0)

Prerequisites:
• CIEN 143
• CIEN 145

CIEN 232-3-4
Construction Estimating
This course familiarizes students with the reading of construction drawings and specifications. The students will obtain a working knowledge of construction estimating methods, quantity take offs, costs, price determination and the compilation of a complete tender package. (2,2,0)

Prerequisites:
• CIEN 141

CIEN 233-3-3
Engineering Soils
An introductory course on soils including the nature, classification, and properties of soils, the effects of moisture, stress, consolidation, seepage and frost action. (3,0,0)

Prerequisites:
• CIEN 143
Corequisites:
• CIEN 236

CIEN 234-3-4
Structural Design in Wood
The application of practical structural design using wood is covered in this course. Students will gain an understanding of the basic properties of wood and the principles of wood design. (3,1,0)

Prerequisites:
• CIEN 148

CIEN 235-3-4.5
Municipal Design
In this course, a strong emphasis is placed on how civil engineering hydraulic software is used in municipal design and analysis. Where possible, computational results are confirmed using analytical calculations. Upon completion of this course, the student should have a basic understanding of the engineering principles behind the design and analysis
of wastewater collection systems, water distribution systems, storm sewers, culverts and detention ponds. (2,2,5,0)

Prerequisites:
- CIEN 145

CIEN 236-3-4
Highway Materials Testing II
A continuation of CIEN 143. The theory and testing required for the determination of the engineering properties of soils which includes moisture content, grain-size analysis, consistency limits, classification, moisture-density relationships, in-place density and compaction control, specific gravity, consolidation and shear will be studied. The collection and handling of disturbed and undisturbed soil samples are included. (1,3,0)

Prerequisites:
- CIEN 143

Corequisites:
- CIEN 233

CIEN 237-3-4
Design of Urban Road Systems
Topics covered in this course include aspects of urban road system design including layout, geometric requirements, safety considerations and intersections. The impact of current urban hydrologic analysis models on general drainage considerations are included. (2,2,0)

Prerequisites:
- CIEN 149

CIEN 240-2-3
Project
formerly CIEN 226
This course is a supervised project on an advanced topic related to Civil Engineering Technology. It includes research, problem analysis, project comparisons and solutions, presentation, defense and a final report. Students with credit for CIEN 226 can not take CIEN 240 for further credit. (1,2,0)

Prerequisites:
- completion of eight CIEN courses

CIEN 241-2-2
Project Management
This course studies different forms of project management. The student will learn a number of programs and systems to manage a project from concept to completion, including project tracking.

Computer programs (MS Project, etc.) will be used to reinforce the theory. (2,0,0)

Prerequisites:
- completion of eight CIEN courses

CIEN 242-3-4
Steel Detailing and Estimating
In this course students will study prints of construction drawings in the areas of structural and reinforcing steel to develop a working knowledge of construction estimating methods, quantity take-offs, costs, and pricing for structural and reinforcing steel. Structural detailing and shop drawings will be completed. Theory will be emphasized with tours of local construction sites and steel fabrication firms. (2,2,0)

Prerequisites:
- CIEN 141

CIEN 244-3-5
Structural Design in Concrete
This course covers the design of simple reinforced concrete and steel structures, including beams, columns, retaining walls and footings. The role of computer structural design models in the design process are included. (3,2,0)

Prerequisites:
- CIEN 148

CIEN 245-3-5
Municipal Engineering
An overview of current methods and equipment used in the treatment of potable water and wastewater. Topics include pump selection, pipeline construction and testing, treatment plant design, advanced treatment processes and plant operation. (3,2,0)

Prerequisites:
- CIEN 145

CIEN 246-3-5
Pavements
This course studies highway construction materials and methods of construction. The lab portion of this course will include the evaluation and testing of asphalt and asphalt mix designs. The main focus of the course is the design/production/handling of asphalt and concrete pavement mixtures as well as the design for the pavement support structure. The design, repair, recycling, rehabilitation and inspection of highway construction is included. (2,3,0)

Prerequisites:
- CIEN 143
CIEN 248-3-5
Construction Law
In this course basic contract law and its application to construction contracts from the engineering technologist’s viewpoint are examined. Major Canadian contractual litigation cases will be explored. (3,2,0)

Prerequisites:
• completion of eight CIEN courses
• Or CIEN 134 and admission to the Sustainable Construction Management Technology program.

CIEN 249-3-5
Computer Applications for Civil Engineering
This course covers Civil Engineering computer applications in the following subject areas: structural design in concrete, municipal, hydraulics, subdivision design drawings, surveying and construction estimating. Use of the CAD system AutoCAD will be integrated into the structure of the course. All final designs and sketches will be drawn using AutoCAD. (2,3,0)

Prerequisites:
• CIEN 147

Collision Repair/Paint & Refinishing

CLSN 01A-36 hours
TH: Use Safe Work Practices

CLSN 01B
PR: Use Safe Work Practices

CLSN 02A-36 hours
TH: Process Technical Inform

CLSN 02B
PR: Process Technical Inform

CLSN 03A-90 hours
TH: Tools and Equipment

CLSN 03B
PR: Tools and Equipment

CLSN 04A-72 hours
TH: Hardware and Trim

CLSN 04B
PR: Hardware and Trim

CLSN 05A-141 hours
TH: Surface Preparation

CLSN 05B
PR: Surface Preparation

CLSN 06A-30 hours
TH: Oxy-Acrylene Welding

CLSN 06B
PR: Oxy-Acrylene Welding

CLSN 07A-90 hours
TH: MIG Welding

CLSN 07B
PR: MIG Welding

CLSN 08A-153 hours
TH: Sheet Metal Repair

CLSN 08B
PR: Sheet Metal Repair

CLSN 09A-60 hours
TH: Plastics and Composites

CLSN 09B
PR: Plastics and Composites

CLSN 101-50 hours
Safety in the Collision Repair Industry
This course introduces the learner to safe work practices and to the WorkSafeBC Occupational Health and Safety Regulations relating to safety procedures in the Automotive Collision Repair industry.

CLSN 101A-30 hours
Use Safe Work Practices
This course introduces learner to safe work practices and to the WorkSafeBC Occupational Health and Safety Regulations relating to safety procedures in the Automotive Collision Repair industry.

CLSN 101B-12 hours
Use Safe Work Practices
Learner demonstrates safe work practices and how the WorkSafeBC Occupational Health and Safety Regulations relate to safety procedures in the Automotive Collision Repair industry.

CLSN 102-60 hours
Documentation and Communication in the Workplace
This course introduces the learner to the composition of reports, the use of collision repair manuals, required communication skills, and the necessary mathematics required in the Collision Repair industry.
CLSN 102A-30 hours
**Process Technical Information**
This course introduces the learner to the composition of reports, the use of collision repair manuals, and the necessary mathematics required in the Collision repair industry.

CLSN 102B-6 hours
**Process Technical Information**
The learner demonstrates the composition of reports, the use of collision repair manuals, and the necessary mathematics required in the Collision Repair industry.

CLSN 103-80 hours
**Tools and Equipment**
This course introduces the learner to the selection, maintenance, and safe operation of automotive collision repair tools and equipment.

CLSN 103A-30 hours
**Tools and Equipment**
This course involves the selection, maintenance, and safe operation of automotive collision repair tools and equipment.

CLSN 103B-60 hours
**Tools and Equipment**
The learner demonstrates the selection, maintenance, and safe operation of automotive collision repair tools and equipment.

CLSN 104-70 hours
**Vehicle Construction and Components**
This course involves bolt-on panel replacement and alignment techniques as well as door, fixed glass, and moveable glass servicing.

CLSN 104A-24 hours
**Hardware and Trim**
This course involves bolt-on panel replacement and alignment techniques as well as door, fixed glass, and moveable glass servicing.

CLSN 104B-48 hours
**Hardware and Trim**
The learner demonstrates the proper method of bolt-on panel replacement and alignment techniques as well as door, fixed glass, and moveable glass servicing.

CLSN 105-170 hours
**Prepare Surfaces**
This course introduces the learner to the various steps and processes involved in preparing a vehicle surface for the refinishing process.

CLSN 105A-30 hours
**Surface Preparation**
This course introduces learner to the various steps and processes involved in preparing a vehicle surface for the refinishing process.

CLSN 105B-110 hours
**Surface Preparation**
Learner demonstrates the various steps and processes involved in preparing a vehicle surface for the refinishing process.

CLSN 106-120 hours
**Welding and Heating Equipment**
This course introduces the learner to the various heating and welding techniques used in modern vehicles.

CLSN 106A-10 hours
**Oxy-Acetylene Welding**
This course involves oxy-acetylene heating and cutting techniques on sheet steel.

CLSN 106B-20 hours
**Oxy-Acetylene Welding**
Learner demonstrates oxy-acetylene heating and cutting techniques on sheet steel.

CLSN 107-180 hours
**Sheet Metal Repair**
This course introduces the learner to various sheet metal damage repair techniques used in the collision repair industry.

CLSN 107A-18 hours
**MIG Welding**
This course involves MIG butt, lap, and plug welding techniques on sheet still.

CLSN 107B-72 hours
**MIG Welding**
Learner demonstrates MIG butt, lap, and plug welding techniques on sheet still.

CLSN 108-60 hours
**Plastic and Composites**
This course involves repair techniques to various types of automotive plastics and composites including fiberglass reinforces plastic and sheet molded compound.

CLSN 108A-30 hours
**Sheet Metal Repair**
This course introduces the learner to various sheet metal damage repair techniques used in the collision repair industry.

CLSN 108B-174 hours
**Sheet Metal Repair**
The learner demonstrates the various sheet metal
damage repair techniques used in the collision repair industry.

**CLSN 109-50 hours**
**Repair Materials, Refinishing Coatings and Equipment**
This course introduces the learner to the types, proper usage, and application techniques of various type of automotive repair materials and coatings that are used in the refinishing process.

**CLSN 109A-18 hours**
**Plastics and Composites**
This course involves repair techniques to various types of automotive plastics and composites including fiberglass reinforces plastic and sheet molded compound.

**CLSN 109B-30 hours**
**Plastics and Components**
Learner demonstrates repair techniques to various types of automotive plastics and composites including fiberglass reinforces plastic and sheet molded compound.

**CLSN 10A-60 hours**
**TH:Undercoats**

**CLSN 10B**
**PR:Undercoats**

**CLSN 110-74 hours**
**Panel Replacement**
This course involves techniques used in the replacement of welded non-structural body components.

**CLSN 110A-10 hours**
**Undercoats**
This course introduces the learner to the types, proper usage, and application techniques of the various type of automotive undercoats used in preparation for the refinishing process.

**CLSN 110B-50 hours**
**Undercoats**
Learner demonstrates the types, proper usage, and application techniques of the various type of automotive undercoats used in preparation for the refinishing process. Learner demonstrates the types, proper usage, and application techniques of the various type of automotive undercoats used in preparation for the refinishing process.

**CLSN 111-30 hours**
**Pre-Delivery**
This course involves pre-delivery inspection, refinish detailing, customer relations techniques, and paid finishes maintenance as they apply to the collision repair process.

**CLSN 111A-18 hours**
**Topcoats**
This course introduces the learner to the types, proper usage, and application techniques of the various type of automotive topcoats used in preparation for the refinishing process.

**CLSN 111B-72 hours**
**Topcoats**
Learner demonstrates the types, proper usage, and application techniques of the various type of automotive topcoats used in preparation for the refinishing process.

**CLSN 112-40 hours**
**Pre-Delivery**
This course involves pre-delivery inspection, refinish detailing, customer relations techniques, and paid finishes maintenance as they apply to the collision repair process.

**CLSN 112A-20 hours**
**Panel Replacement**
This course involves techniques used in the replacement of welded non-structural body components.

**CLSN 112B-44 hours**
**Panel Replacement**
Learner demonstrates techniques used in the replacement of welded non-structural body components.

**CLSN 113-30 hours**
**Preparation for Employment**
This course involves the preparation and review of resumes and introduces the learner to job interview procedures.

**CLSN 113A-18 hours**
**Mechanical Components**
This course involves diagnostic and servicing techniques to the automotive, HVAC, electrical, and restraint systems as they apply to the collision repair process.

**CLSN 113B-12 hours**
**Mechanical Components**
Learner demonstrates diagnostic and servicing techniques to the automotive, HVAC, electrical, and restraint systems as they apply to the collision repair process.

**CLSN 114-12 hours**
**Automotive Collision and Refinishing Level I**
Exam
This course involves curriculum review, preparation for final exam, and completion of the Collision Repair and Refinishing common core exam.

CLSN 114A-12 hours
Pre-Delivery
This course involves pre-delivery inspection, refinish detailing, customer relations techniques, and paid finishes maintenance as they apply to the collision repair process.

CLSN 114B-30 hours
Pre-Delivery
Learner demonstrates pre-delivery inspection, refinish detailing, customer relations techniques, and paid finishes maintenance as they apply to the collision repair process.

CLSN 115-60 hours
Industry Work Term
Learner will be assigned to an employer for a two-week period where they will have the opportunity to demonstrate their skills acquired throughout the program.

CLSN 115A-30 hours
Preparation for Employment

CLSN 116-6 hours
Collision Repair Level I Exam
This course involves curriculum review, preparation for final exam, and completion of the Collision Repair Level 1 exam.

CLSN 117-6 hours
Auto Refinishing Prep Lvl I Ex
This course involves curriculum review, preparation for final exam, and completion of the Automotive Refinishing Prep Technician Level 1 exam.

CLSN 118-60 hours
Industry Work Placement
Learner will be assigned to an employer for a two-week period where they will have the opportunity to demonstrate their skills acquired throughout the program.

CLSN 11A-60 hours
TH:Topcoats

CLSN 11B
PR:Topcoats

CLSN 12A-90 hours
TH:Selected Repairs

Communications
Prerequisites may be waived by the Communications department. See prerequisite waiver.

CMNS 100-3-3
Introduction to Communications
This course provides students with an introduction to communications theory. Surveying historical and contemporary theories, the course will offer a critical examination of the ways people communicate with each other via print and/or new media, orally, interpersonally, and visually. Students will analyse meaning-making in a range of mediated contexts, including advertising, television, film, popular culture, and the Internet. (3,0,0)
CMNS 101-3-3  
Communication Fundamentals  
This course is a general introduction to communication, both theoretical and professional. Students will discuss, describe, and analyse a range of popular media such as television, film, comics, games, etc. This course also develops critical reading, writing, and presentation techniques. Awareness of audience and purpose, as well as clarity and conciseness are stressed as integral parts of effective writing and speaking. (3,0,0)

CMNS 102-3-3  
Communication for Viticulture  
This course introduces students to communication skills used in the viticulture industry with emphasis on technical writing and speaking skills. Students will apply research techniques and documentation standards to produce memos, summaries, letters, proposals, progress reports, process and mechanism descriptions, and technical reports. Students will develop an awareness of audience, purpose, clarity and conciseness underpinning effective writing and speaking skills. (3,0,0)

Prerequisites:  
- Admission into the Viticulture program.

CMNS 103-3-4  
Digital Media for Trades Educators  
This course is an introduction to the theory, analysis, and practice of digital media for Trades & Technologies Educators. The course explores the educational potential of creating and using digital content and investigates its impact on individuals and society. Students develop the basic knowledge and skills required to create an online portfolio. The course is entirely virtual. Students will require a computer with video conferencing capability, a reliable internet connection and a Smartphone or separate device for capturing images, video and audio. (2,2,0)

Prerequisites:  
- Admission to the TTTE program.

CMNS 110-3-3  
Introduction to Mass Communication  
This course examines the history, structure, institutions, and processes of the print, audio, visual, and digital sectors of the mass media. Central to our examination is the interrelation between mass media, technology, culture, and power. Students will explore issues related to regulation, freedom of expression, globalization, and commodification of meaning. (3,0,0)

CMNS 112-3-3  
Professional Writing I  
(formerly ENGL 112, PCOM 112) This course provides students the opportunity to develop reading, writing and editing skills suitable to a professional context. Students will learn writing fundamentals such as clarity and conciseness, sentence and paragraph structure, summary, synthesis and analysis. Students with credit for ENGL 112 or PCOM 112 cannot complete CMNS 112 for further credit. CGA, CMA credit (3,0,0)

Prerequisites:  
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or Language Proficiency Index\(^3\)

1 minimum grade of 60 required  
2 minimum score of 60 required  
3 minimum score of 24 required

Also offered by Distance Education

CMNS 113-3-3  
Technical Communication for Information Technology  
(formerly PCOM 113) This course develops technical writing and speaking skills. Students will apply elements of style, awareness of audience, and clarity of purpose to summaries, memos, letters, employment applications, instructions, and technical manuals. They will learn to plan, draft, and edit efficiently, and will develop the confidence and skills required for speaking in job-related situations. Students with credit for ENGL 112, PCOM 112, CMNS 112 or PCOM 113 cannot complete CMNS 113 for further credit. (3,0,0)

CMNS 120-3-4  
Journalism Fundamentals  
This course examines the history and practice of journalism, the evolution of the role of the journalist, and the relationship between the practice of journalism and the broader social, cultural, political and economic context. Students will practice writing basic news stories for a wide variety of news sources and will leave equipped with basic techniques in news gathering and news writing. (2,2,0)

CMNS 122-3-3  
Professional Writing II  
(formerly ENGL 122, PCOM 122) This course provides students the opportunity to further advance the fundamental professional writing and editing skills developed in CMNS 112. Students will conduct research, engage in detailed analysis, and develop basic persuasive strategies to produce professional quality documents. Students with credit
for ENGL 122 or PCOM 122 cannot complete CMNS 122 for further credit. CGA, CMA credit (3,0,0)

Prerequisites:
• CMNS 112 or PCOM 112 or PCOM 113 or ENGL 112

Also offered by Distance Education

CMNS 123-3-3
Analysis and Reporting for Information Technology
formerly PCOM 123

In this course students further develop their individual writing and speaking skills and apply research techniques and documentation standards to produce case analyses, proposals, progress and technical reports, and oral presentations. Students will also work in groups to develop collaborative writing and project management skills. Students with credit for ENGL 130 or PCOM 123 cannot complete CMNS 123 for further credit. (3,0,0)

Prerequisites:
• CMNS 113 or PCOM 113

CMNS 130-3-4
Introduction to Digital Media

This course is an introduction to theory, analysis, and practice of digital media. Students explore the formal qualities of digital media, as well as the political, economic, social and individual impact of creating and using digital content. Students develop the basic knowledge and skills required to create digital projects in various formats, using industry recognized or experimental platforms. (2,2,0)

CMNS 132-3-4
Technical Communication I for Engineering Technology
formerly ENGL 132, PCOM 132

This course develops technical writing and speaking skills. Students will write summaries, memos, letters, employment applications, instructions, and technical manuals. They will apply elements of style, awareness of audience and clarity of purpose to produce high quality work. They will learn to plan, draft, and edit efficiently. Students will also develop confidence and skills required for speaking in job-related situations. Students with credit for ENGL 132 or PCOM 132 cannot complete CMNS 132 for further credit. (2,2,0)

CMNS 133-3-3
Technical Writing and Communications I

This course develops technical writing and speaking skills. Students will write a range of documents, including summaries, memos, letters, employment applications, instructions, and technical manuals. They will learn to consider their audience and their reason for communicating and to adapt their style to reach that audience and achieve their purpose. They will also learn to plan, draft, and edit efficiently. Students with credit for CMNS 132 cannot take this course for further credit. (3,0,0)

Prerequisites:
• ABE ENGL 012¹ or English 12² or English Studies 12² or English 12 First Peoples² or Language Proficiency Index³

¹ minimum grade of 60 required
² minimum score of 60 required
³ minimum score of 24 required

CMNS 135-3-3
Technical Writing & Communications 1 for CIEN
CMNS 135 is designed for the CIEN Program. Students develop communication skills specific to materials analysis, lab reports and communicating on site with management and trades. Students think about the benefits of empathy and audience analysis, and adapt their style to reach that audience and achieve a given purpose. They also develop best practices and competencies for employment purposes. Students with credit for CMNS 133 may not take CMNS 135 without approval from the CIEN department chair. (3,0,0)

CMNS 136-3-3
Technical Writing & Communications for SBT I
This course develops technical writing and speaking skills for Sustainable Construction Management Technology students. Learners will write a range of documents, including summaries, memos, letters, employment applications, instructions, and technical manuals. They will learn to consider their audience and their reason for communicating and to adapt their style to each that audience and achieve their purpose. They will also learn to plan, draft, and edit efficiently. Students with credit for CMNS 143 may not take CMNS 136 without approval from the SBT chair. (3,0,0)

CMNS 137-3-3
Technical Writing & Communications for WET
This course develops technical writing and presentation skills for Water Engineering Technology (WET) students. To meet program protocol and benchmarks for technologists, students learn to structure technical content appropriate for its audience and purpose including: letters, employment applications, emails, memos, progress, lab and research reports. Students with credit for CMNS 133 may not take CMNS 137 without approval from the WET department chair. (3,0,0)
Prerequisites:
• students must be registered in the WET program

CMNS 143-3-3
Technical Writing and Communications II
This course further develops technical writing and speaking skills. Students will apply research techniques to produce informal and formal reports, proposals, and case analyses. They will also work in groups to develop collaborative writing and project management skills and will prepare oral presentations that reflect industrial situations. Students with credit for CMNS 142 or 144 cannot take this course for further credit. (3,0,0)

Prerequisites:
• CMNS 132 or CMNS 133 or ENGL 132

CMNS 144-3-3
Technical Writing and Communications for Mechanical Engineering
Designed for students in the Mechanical Engineering program, this course further develops technical writing and speaking skills. Students will apply research techniques to produce informal and formal reports, proposals, and case analyses. They will also work in groups to develop collaborative writing and project management skills and will prepare oral presentations that reflect industrial situations. Students with credit for CMNS 142 or 143 cannot take this course for further credit. (3,0,0)

Prerequisites:
• CMNS 132 or CMNS 133 or PCOM 132 or ENGL 132

Corequisites:
• MECH 240

CMNS 145-3-3
Technical Writing & Communications 2 for CIEN
CMNS 145 is a second level course designed for the CIEN program. It develops small-group, collaborative, communication competencies and best practices required in synchronous and asynchronous contexts. Students develop writing and secondary research skills required for completing informal and formal research reports. Emphasis is placed on learning the best practices and competencies for delivering oral presentations. Students with credit for CMNS 143 may not take CMNS 145 without approval from the CIEN department chair. (3,0,0)

Prerequisites:
• CMNS 135

CMNS 146-3-3
Technical Writing & Communications for SBT II
This course further develops technical writing and speaking skills for Sustainable Construction Management Technology students. Learners will write a range of documents, including summaries, memos, letters, employment applications, instructions, and technical manuals. They will learn to consider their audience and their reason for communicating and to adapt their style to reach that audience and achieve their purpose. They will also learn to plan, draft, and edit efficiently. Student with credit for CMNS 133 may not take CMNS 146 without approval of the SBT chair. (3,0,0)

Prerequisites:
• CMNS 136

CMNS 160-3-3
Introduction to Film Studies
Formerly FILM 100 An introduction to the critical study of film. The course will provide students with a grounding in the history of film and in a range of methods of analyzing cinematic content. Discussions will address film theory, technical and aesthetic aspects of film, the economics of the industry, and the interpretation of film in cultural, social and political contexts. This course is also offered as ENGL 160. Students with credit for FILM 100 or ENGL 160 cannot take this course for further credit. (3,0,0)

CMNS 200-3-3
Communications in the Everyday
This course focuses on the relationship between language and our everyday experience of the world. In particular, language as a symbolic system of meaning and its influence on our thinking, our beliefs, our desires, our emotions, and our relationships will be examined. The function of language in relation to power, discourse communities, and the formation of identity will be studied. (3,0,0)

Prerequisites:
• 3 credits CMNS or second-year standing required

CMNS 201-3-3
Career Communication & Strategy
In this course, students further develop their critical reading, writing, and presentation skills as these relate to theoretical and professional communication. Particular attention will be paid to career correspondence, self-promotion and branding, and collaborative communication skills. (3,0,0)

Prerequisites:
• 3 credits of 1st year Communications

CMNS 215-3-4
Public Speaking
This course guides students to furthering their public
speaking skills for post-secondary and professional contexts. Students will advance their verbal & written skills (e.g. rhetorical skills, speech structure, research, and slide text editing) and nonverbal communication (e.g. gesture, paralanguage, and images) for developing public presentations. This course includes an added lab for presentation skill practice. (2,0,2)

Prerequisites:
- 3 credits CMNS or Second year standing.

CMNS 230-3-3
Communication and Culture
This course focuses on the major approaches to studying and understanding communication. It will explore the diverse cultural, historical, and intellectual contexts from which various theoretical currents have emerged. This course will enable students to critically question and understand how meaning is created in both mainstream and marginalized communities. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 235-3-3
Professional Writing and Communications
This course introduces students to written professional communication, including organizational communication, employee communication, report and proposal writing, customer communications, public relations, marketing and advertising and communication theory. This course is also offered as ENGL 235. Students with credit for ENGL 235 cannot take CMNS 235 for further credit. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

CMNS 240-3-3
The Culture of Television
This course examines the medium of Television as a cultural icon, a significant reflector and determinant of cultural moods and ideas, and as the dominant communications medium of the twentieth century and beyond. Emphasis will be placed on interrogating televisual programming and advertising, and charting Television's rise to media ascendancy. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 250-3-3
Cultural Industries in Canada
This course introduces students to the Canadian media and cultural industries. It explores the history, structure, economics, and regulatory policies of Canada's mass media sectors. Topics include: the role and definition of culture; public versus private control of culture; cultural industries and national (and regional) identity; the right of creators of cultural products versus distributors; and Canadian cultural industries and products globally. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 260-3-3
Topics in Communications
This course is an examination of selected topics in Communications. Topics may include: popular music and society, film studies, visual communication, language and gender, and language and culture. Consult with the department for current offerings. With different topics this course may be taken more than once. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 270-3-3
New Media
This course offers a socio-historical examination of the technology of new media, surveying critical theories to understand the relationship between Information Technology (IT) and materialism, consumerism, and cultural identity at multiple levels of social engagement. The role of IT in the evolution of communication practices in contemporary life will be examined. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 280-3-3
Applied Communication
This course focuses on the theory and practice necessary to producing professional, client-based documents such as analytical research reports, public relations resources, or marketing materials. Students will work through the production process typical of the given project: developing proposals, planning the project, completing theoretical and empirical research, developing a conceptual framework, organizing materials, designing visuals, and managing production. (3,0,0)

Prerequisites:
- 3 credits CMNS or second-year standing required

CMNS 290-3-3
Introduction to Video Game Studies
While highly popular, video games are probably the least understood, theorized and explored form of
media. This course will look at video games as a cultural phenomenon. While reflecting on concepts such as race, class, identity and gender, this course examines the contexts and content of video games and their impact on players, audiences, and society. (3,0,0)

Prerequisites:
• 3 credits CMNS or second-year standing required

CMNS 295-3
Directed Studies in Communications
Students will undertake a supervised project in Communications. Students will produce a project proposal, a progress report, and a final written report.

Prerequisites:
• second-year standing
• the agreement of a Department of Communications faculty member to supervise the project

CMNS 300-3-3
Rhetoric and Persuasion
Advanced written communication requires the knowledge and skills to write specialized texts aimed towards equally specialized readers. Such writing requires the ability to discursively adapt to the values and practices of that readership. This course will provide students a theoretical framework with which to analyze, understand, and manage the relationship between writers and readers. (3,0,0)

Prerequisites:
• third-year standing
• 6 credits Arts

CMNS 310-3-3
Visual Communication & Culture
This course examines how meaning is constructed through visual representation. Theories of visual communication, visual culture, and information visualization aid students in locating diverse applications of visualization within their cultural, historical, and practical contexts. Also offered as FINA 310. Students with credit for FINA 310 cannot take CMNS 310 for additional credit. (3,0,0)

Prerequisites:
• third-year standing
• 6 credits Arts

CMNS 320-3-3
Creative Communication
Writing clear, effective copy is crucial to implementing a marketing plan and building a unique brand identity. Delivered in a workshop style, this course will look at writing copy for both print and non-print media. The class will focus on producing specific marketing deliverables, such as brochures, press releases, advertisements and emerging hybridized deliverables like the advertorial. (3,0,0)

Prerequisites:
• third-year standing
• 6 credits Arts

CMNS 330-3-3
Public Relations
This course explains key definitions, contexts, actors, and theories of public relations, as well as the stereotypes, environmental challenges, and ethical dilemmas surrounding the profession. Students will examine the nature and the purpose of public relations activity within social, political, organizational, and commercial contexts and will develop the critical and practical skills required to plan, design, and write public relations materials. (3,0,0)

Prerequisites:
• third-year standing
• 6 credits Arts

CMNS 340-3-3
Media in Action
This course explores the possibilities of participatory democracy in a digital age, examining progressive media theorists/practitioners and emerging online resources: grassroots sites dedicated to social justice, community, activism, and politics. Students will (re)discover radical media, including posters, pirate radio, podcasts, graffiti, video art, culture jamming, citizen journalism, and hacktivism, and develop the applied skills necessary to creating media and building community. (3,0,0)

Prerequisites:
• third-year standing
• 6 credits Arts

CMNS 350-3-3
Communication and Sport
This course examines sports from communications perspectives such as media studies, rhetoric, organizational and crisis communications. Students will use these communication theories to analyze sports representations in media and popular culture. Sites of critical analysis will include youth, amateur, and professional sports. (3,0,0)

Prerequisites:
• third-year standing and the successful completion of six Arts credits.
CMNS 360-3-3
Special Topics
This special topics course undertakes selected advanced topics in Communications. The range of topics to be covered include practical and/or theoretical aspects of applied writing and communications. Consult with the department for current offerings. This course may be taken more than once but with different topic emphasis. (3,0,0)

CMNS 370-3-3
Games in Everyday Life
Gamification, games-for-change and serious games are fast-growing trends that bring techniques from the game design process into several areas, including social media, business, education, or culture. This course critically examines the benefits and risks of applying game design techniques to everyday situations. In addition, this course provides students with the frameworks to design a gamified project. (3,0,0)

Prerequisites:
- Third-year standing and 6 credits Arts.

CMNS 390-3-3
Advanced Communication Issues
formerly PCOM 390
This course focuses on strategies, theories and practices that foster an open and productive communication climate. The course develops communication skills required by successful leaders and managers who work in collaborative, ethically challenging environments. Students will participate in hands-on activities and case studies that reinforce open, collaborative and productive communication. Students are advised that transfer credit is not guaranteed for 300- and 400-level courses among BC post-secondary institutions. (3,0,0)

CMNS 495-3
Directed Studies in Communications
Students will undertake a supervised project in Communications. In addition to the completion of the portfolio project itself, students will produce a project proposal, a progress report, and a final written report. Students will also deliver an oral presentation on their project to a public forum.

Prerequisites:
- fourth-year standing
- the agreement of a Department of Communications faculty member to supervise the project

Construction Assistant

Collision Repair

Computer Animation

Composition

COMP 011-80 hours
Composition 011
Students will learn writing process skills and develop critical writing, reading, and speaking abilities. Assignments will include informal and formal essays, research papers, professional communication, and responses to literature.

Prerequisites:
- ABE ENGL 070\(^1\)
  - or ABE ENGL 071\(^1\) and ABE ENGL 072\(^1\)
  - or ABE ENGL 080\(^2\)
  - or ABE ENGL 081\(^2\) and ABE ENGL 082\(^2\)
  - or a minimum ABLE test score of 72/80 and an Advanced Level writing sample.

1 minimum grade of 80 required
2 minimum grade of 60 required

Cook Training

COOK 001-180 hours
Cook Apprenticeship I

COOK 002-180 hours
Cook Apprenticeship II

COOK 003-180 hours
Cook Apprenticeship III

Computer Science

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

For courses numbered 100 or higher, the prerequisite(s) may be waived by the Computer Science department. See prerequisite waiver.

COSC 012-80 hours
Computer Science 012
This programming course is for students continuing on to technical or degree programs. Problems are solved using structured programming concepts.
Prerequisites:
• ABE COST 011
• ABE MATH 011 or ABE MATH 012 or Principles of Math 11 or Principles of Math 12 or ABE IALG 011\(^1\) or ABE MATH 085\(^1\)

\(^1\) minimum grade of 85 required

Also offered by Distance Education

**COSC 109-3-5**
*Technical Aspects of Operating Systems*
formerly COSC 113

This course will provide students with an overview of the UNIX and Windows operating systems. Topics include setup, processes, file systems, log files, recovery, popular daemons/services, text manipulation utilities, network utilities, shells, and scripting. Brief overviews of network troubleshooting and batch files are included. (3,2,0)

Prerequisites:
• admission to the CIS or BCIS program

Corequisites:
• COSC 111

**COSC 111-3-6**
*Computer Programming I*

This course is an introduction to the design, implementation, and understanding of computer programs. Topics include problem solving, modeling, algorithm design, and abstraction, with the emphasis on the development of working programs. This course should be followed by COSC 121. Students with credit for NTEN 112 cannot take COSC 111 for further credit. (4,2,0)

Prerequisites:
• ABE MATH 084\(^1\) and ABE MATH 085\(^1\)
  or ABE MATH 011\(^1\) or ABE IALG 011\(^1\) or Pre-Calculus 11\(^2\) or Foundations of Mathematics 11\(^2\)
  or Principles of Math 11\(^2\) or Applications of Mathematics 11\(^2\) or Math 11 Challenge Exam\(^2\)
• A grade 12 mathematics course is recommended.

\(^1\) minimum grade of 67 required
\(^2\) minimum score of 67 required

**COSC 115-1-3**
*Microcomputer Orientation*

This course is an introduction to the fundamentals of microcomputer operation and computer applications. Topics include operating system basics, disk organization, folder management and word processing. Other relevant application software will be introduced depending on the student's program. (1,2,0)

**COSC 118-3-5**
*Networks and Telecommunications I*
formerly COSC 218

This course introduces the theory of practice of modern telecommunications with an emphasis on the TCP/IP (Transmission Control Protocol/Internet Protocol) stack. Students will learn to install and troubleshoot the electronic components necessary for telephony and data communications. Students with credit for NTEN 117 or COSC 218 cannot take COSC 118 for further credit. (3,2,0)

Prerequisites:
• Admission to the Electronic Engineering Technology program, or Network and Telecommunications Engineering Technology program, or the Computer Information Systems degree or diploma program.

**COSC 121-3-6**
*Computer Programming II*

This course is an advanced programming course in the application of software engineering techniques to the design and implementation of programs manipulating complex data structures. (4,2,0)

Prerequisites:
• COSC 111\(^1\) or NTEN 112\(^1\)

\(^1\) minimum grade of 60 required

**COSC 122-3-5**
*Computer Fluency*

This course provides students in all disciplines with an overview of computer technology - how computers function, how they are used and implications of their use. Students will be introduced to applications software and elementary programming concepts on microcomputers. (3,2,0)

**COSC 126-3-5**
*Systems Analysis and Design*

This course concentrates on the activities associated with developing computer-based information systems. Online systems, including all aspects dealing with the use of databases and data communications, will be emphasized. Practical work will expose students to relational database management systems within a client-server environment and may include Computer Assisted Software Engineering (CASE) tools. (3,2,0)

Prerequisites:
• COSC 111\(^1\)
COSC 131-3-5  
**Visual Programming**  
This course is an introduction to visual programming using the Visual Programming Integrated Development Environment (IDE) platform. Students will learn how to develop and deploy Windows-based software programs. Topics include event-driven programming concepts, graphical user interface (GUI) design, Windows programming, database programming and web application development. (3,2,0)

Prerequisites:
- COSC 111

1 minimum grade of 60 required

COSC 150-3-5  
**Basic Digital Circuits and Microprocessors**  
Students in this course will explore the analog and digital concepts and circuits of electronics. Fundamental electrical concepts such as voltage, current and power will be studied and measured in analog AC and DC circuits. Methods for representing real world analog data in digital form will be studied along with basic digital circuits (combinational logic and sequential logic) and systems (timers, counters, microprocessors). This course is also offered as NTEN 126. Students with credit for COSC 124 or NTEN 126 cannot take COSC 150 for further credit. (3,2,0)

Corequisites:
- COSC 111

1 minimum grade of 60 required

COSC 180-3-5  
**Multimedia Computing**  
This course enables students who are not planning a career in computer science to discover the relevance of computing to their daily lives. Students will use an object-oriented programming language to modify photograph and sound files, create collages and link sounds. These exercises prepare a student to use the scripting language features of many software applications. (3,2,0)

COSC 205-3-5  
**Project Management**  
This course focuses on the business cycle as it relates to software development including: planning, organizing, directing, monitoring and control. Particular emphasis is given to scheduling practices and solving problems when the project is behind schedule. Students will be enrolled in a computer science capstone project course concurrently and will practice implementing a variety of problem solving strategies. (3,2,0)

Corequisites:
- COSC 111

1 minimum grade of 60 required

COSC 211-3-5  
**Machine Architecture**  
This course is an introduction to the conceptual structure and functional characteristics of a computer. Topics include computer organization, memory addressing schemes, and decoding and executing instructions. Laboratory assignments use the assembly language of selected machines. (3,2,0)

Prerequisites:
- COSC 121

1 minimum grade of 60 required

COSC 213-3-5  
**Web development with LAMP**  
This course focuses on web development using LAMP technology, the Linux operating system, the Apache web server, the MySQL database, and the PHP server-side scripting language. Course topics include LAMP set-up, HTML5, CSS, PHP, MySQL, fine-tuning and administration of the web server. (3,2,0)

Prerequisites:
- COSC 111

Corequisites:
- COSC 109

1 minimum grade of 60 required

COSC 219-3-5  
**Client-side Web Systems**  
This course is an introduction to web applications
published to the Internet. Topics will include validating end-user input, asynchronous and synchronous programming techniques, and content management systems. A scripting language for web development is the primary focus, with an exploration of one higher order library. (3,2,0)

Prerequisites:
- Corequisite COSC 118 or BUAD 335 for Business Students taking BCIS concentration and COSC 121.

**COSC 221-3-4**
**Introduction to Discrete Structures**
This course is an introduction to sets, logic, combinatorics, and graph theory, as applied in computing: sets and propositions, permutations and combinations, graphs and trees, Boolean algebra, algorithms, and applications. This course is also offered as MATH 251. Students with credit for MATH 251 cannot take COSC 221 for further credit. (4,0,0)

Prerequisites:
- MATH 112 or MATH 139 or MATH 147 or MATH 149 or MATH 221 or MATH 314

**COSC 222-3-5**
**Computer Data Structures**
This course is an exploration of abstract data types (ADTs), their implementations, algorithms (including sorting and searching) and algorithm analysis. ADTs explored include vectors, queues, stacks, deques, lists, sequences, iterators, binary trees, search trees, priority queues, dictionaries, sets, graphs. A high-level programming language is used to study implementations during laboratory work. (3,2,0)

Prerequisites:
- COSC 121

1 minimum grade of 60 required

**COSC 224-3-6**
**Projects in Computer Science**
This capstone course for diploma students, synthesizes the material learned in the previous three semesters, including programming, systems analysis and design, networking, and database design and development, or are learning in a corequisite course, to complete a project. Students will choose a project from a selection provided by the professor. (3,3,0)

Prerequisites:
- COSC 131
- COSC 236
- COSC 304
- CMNS 123

- COSC 219
- COSC 213

Corequisites:
- COSC 205

1 minimum grade of 60 required

**COSC 229-3-5**
**Introduction to Computer Graphics**
This course conveys basic graphics principles through a representative set of language-independent algorithms, which are implemented by the student in a high-level programming language. The basic concepts of the management and interpretation of a display file and the manipulation of graphical objects are studied. (3,2,0)

Prerequisites:
- COSC 121

1 minimum grade of 60 required

**COSC 231-3-5**
**Principles of Computer Science**
This course is a mathematical introduction to computer science, including procedural and data abstraction, program design methodology, models of computation, computer organization, and compilation. (3,2,0)

Prerequisites:
- COSC 121

1 minimum grade of 60 required

**COSC 232-3-5**
**Information System Security**
In this course, students will explore various aspects of computing where security is important. Techniques for enforcing security will be investigated. (3,2,0)

Prerequisites:
- COSC 118 or NTEN 117

1 minimum grade of 60 required

**COSC 236-3-5**
**Object-Oriented Systems Analysis and Design**
This course is an introduction to object-oriented techniques in systems analysis and design. It introduces a number of tools and techniques used in object-oriented systems analysis and design (OOA&D) and builds on the OOA&D techniques from previous courses. Topics will include development...
lifecycles (in particular the iterative development model), analysis techniques (requirements and uses cases), design techniques (modeling methods, responsibilities and collaborations), and design patterns. (3,2,0)

Prerequisites:
- COSC 121
- COSC 126

1 minimum grade of 60 required

COSC 304-3-5
Introduction to Database Management Systems
This course is an introduction to the use and operating principles of database management systems. Topics include: semantic modelling, query languages, relational calculus and algebra as applied to database design, implementation and access. Students will receive hands-on experience in accessing information using a query language. (3,2,0)

Prerequisites:
- COSC 126
- COSC 221
- BBA students admitted to the concentration in CIS will require 60% in each of the following courses COSC 121, BUAD 283, MATH 114 and of STAT 121 or STAT 124

1 minimum grade of 60 required

COSC 315-3-5
Introduction to Operating Systems
This course is an introduction to batch, multiprogramming and time-sharing systems. Process synchronization and communication. Main memory allocation techniques including virtual memory. Process scheduling. Deadlock avoidance and prevention. File organization and device management. (3,2,0)

Prerequisites:
- COSC 222

COSC 316-3-5
iOS Application Development
This course will focus on application development in the iOS platform. Topics include the Swift programming language, graphical user interface design, touch screen features and orientations, applications working with or without web server and databases, and 2D games. (3,2,0)

Prerequisites:
- COSC 213
- COSC 222

COSC 318-3-5
Network Programming
This course covers various related topics in client-server and peer-to-peer network program development. Students will learn how to develop and deploy multithreaded network programs through their lab work and group project. Main topics include socket programming, distributed computing, secure socket layer (SSL) certificates, data encryption and compression. (3,2,0)

Prerequisites:
- COSC 222
- COSC 118

1 minimum grade of 60 required

COSC 320-3-5
Algorithms
This course covers the design and analysis of algorithms, illustrated from various problem areas. Topics include: models of computation, choice of data structures, space and time efficiency, computation complexity, algorithms for searching, sorting and graph-theoretic problems, NP-complete problems. (3,2,0)

Prerequisites:
- COSC 221
- COSC 222

COSC 326-3-5
Android Application Development
This course will focus on application development on Android platform. Topics include graphical user interface design, multi-touch screen features and orientations, applications working with or without web server and databases. (3,2,0)

Prerequisites:
- COSC 213
- COSC 222

COSC 328-3-5
Linux Networking
This course focuses on various network services available in the Linux operating system. Topics include IP addressing (IPv4 and IPv6), subnetting and supernetting, file sharing and printing, domain name services, dynamic host configuration protocol, secured remote access and administration, virtual private networks, email, routing services, firewalls and system security. (3,2,0)

Prerequisites:
- COSC 118
- COSC 222

1 minimum grade of 60 required
COSC 331-3-5
Microservices and Software Architecture
Students will be introduced to web services that interact across multiple servers and the need for optimal performance and security. The evolution of enterprise software from legacy enterprise applications to the use of microservice containers and orchestration tools will be explored. Topics will include: distributed computing, integrating existing enterprise applications with microservices, and using patterns of software architecture for design. (3,2,0)

Prerequisites:
• COSC 222¹
• COSC 236¹

¹ minimum grade of 60 required

COSC 341-3-5
User Experience
As computers become ever more prevalent, the way in which we interact with them becomes more crucial. This course will examine different types of interaction, both from a psychological perspective and a prototyping perspective. Specifically, we will look at the design through the process of sketching user experiences, with a view to getting the right design and getting the design right. (3,2,0)

Prerequisites:
• third-year standing

COSC 360-3-5
Server Platform as a Service
Students will focus on single-server deployment on a variety of cloud-native platforms (PaaS Platform as a Service). Students will explore the need to move from their own server to a cloud platform when they have hope to serve thousands of end-users. Topics may include: performant server-side scripting, cost effectiveness and efficiency, load balancing, robustness testing. (3,2,0)

Prerequisites:
• COSC 219¹
• third-year standing

¹ minimum grade of 60 required

COSC 404-3-5
Advanced Database Management Systems
This course is a continuation and expansion of the concepts from COSC 304. Review of database environment and database design principles are included. Advanced topics include recovery and concurrency control in distributed database systems, object and object relational databases, data mining, and data warehousing. Students will design and develop database applications using state-of-the-art technology. (3,2,0)

Prerequisites:
• COSC 304¹
• third-year standing

¹ minimum grade of 60 required

COSC 414-3-5
Advanced Computer Graphics
This course covers human vision and colour; modelling; geometric transformations; algorithms for 2-D and 3-D graphics; hardware and system architectures; shading and lighting; animation. (3,2,0)

Prerequisites:
• COSC 229

COSC 416-3-5
Topics in Database
The course will focus on advanced or specialized topics in database design, modelling, and implementation. The topics may vary each time the course is offered. With different topics, this course may be taken more than once for credit. (3,2,0)

Prerequisites:
• COSC 304¹
• third-year standing

¹ minimum grade of 60 required

COSC 417-3-5
Topics in Computer Networks
This course will focus on advanced or specialized topics in emerging network technologies. Topics may vary each time the course is offered. With different topics, this course may be taken more than once for credit. (3,2,0)

Prerequisites:
• the corequisite of COSC 328¹ or the corequisite of NTEN 317¹

Corequisites:
• COSC 318¹

¹ minimum grade of 60 required

COSC 419-3-5
Topics in Computer Science
This course will focus on advanced or specialized
topics in Computer Science. Students should consult the department chair for the specific topic to be offered in any given year. With different topics, this course may be taken more than once for credit. (3,2,0)

Prerequisites:
• fourth-year standing

COSC 434-3-5
Database Administration
This course includes technical aspects of database administration; physical database design and implementation; database monitoring and fine-tuning performance; management of user privileges and roles; database security, backup and recovery. Students will receive hands-on experience dealing with specific aspects of database administration. (3,2,0)

Prerequisites:
• COSC 404
• COSC 315

1 minimum grade of 60 required

COSC 436-3-5
Data Warehousing
This course introduces students to data warehousing concepts and emphasizes hands on approach to reinforce the theory. A project is used to design and develop a data warehouse. Star schema, fact tables and dimension tables will be examined. Multi-dimensional databases are emphasized. A team project will be used to handle the process of moving data from and OLTP system to a DW with management reports through the cube and pivotal tables. Analysis Services will be used to develop OLAP cubes and OLAP reporting. (3,2,0)

Corequisites:
• COSC 404

COSC 437-3-5
Data Mining
This course introduces techniques and tools used in the analysis of large volumes of data. Students will learn to process and analyze data extracted from various sources for knowledge discovery in the contexts of classification, association, clustering, and outlier detection. Students will be introduced to the Oracle Data Mining (ODM) software. (3,2,0)

Prerequisites:
• COSC 304

Corequisites:
• COSC 436

COSC 448-3
Directed Studies in Computer Science
This course is open ordinarily to students in Computer Science and may consist of supervised reading, participation in a seminar, and one or more programming projects. This three-credit course may be taken over one or two semesters. A student may receive credit for this course twice with a different topic.

Prerequisites:
• fourth-year standing
• permission of the department

COSC 470-3-6
Software Engineering
This course explores the design and implementation of large, multi-module-program systems. Topics include the software life cycle, design tools, features and use of module-oriented programming languages, intermodule communication, and eXtreme programming. Students will require significant out-of-class time to complete this course successfully. This course is to be taken in the final year of the BCIS degree. (3,3,0)

Prerequisites:
• COSC 224 or NTEN 299
• fourth-year standing

COSC 471-3-6
Software Engineering Project
This course involves the design, implementation and test of a large software system, using a team approach. Students will require significant out-of-class time to complete this course successfully. This course is to be taken in the final year of the BCIS degree. (2,4,0)

Prerequisites:
• COSC 470
• fourth-year standing

Computer Studies

COST 060-80 hours
Computer Studies 60
Computer Studies 60 is designed for students who wish to develop basic computer skills. This course will cover basic computer knowledge, keyboarding skills, word processing, email, and internet browsing. The emphasis will be on practical applications and meaningful, personally relevant context.
COST 070-80 hours
Computer Studies 070
An introductory course including keyboarding skills, basic computer terminology, basic computer applications, E-mail and Internet searching.

Corequisite: ENGL 070 or equivalent

Corequisites:
- ABE ENGL 070

COST 075-40 hours
Selected Topics in Computer Studies
Topics in Computer Studies may include, but is not limited to, keyboarding, computer history, computer hardware, productivity software, assistive technology, and the Internet. This course may be taken more that once with a different topic emphasis.

Prerequisites:
- ABE ENGL 060\(^1\) or ABE ENGL 061\(^1\) and ABE ENGL 062\(^2\) or minimum ABLE test score of 56/80 and an Intermediate Level writing sample

\(^1\) minimum grade of 60 required

COST 085-40 hours
Selected Topics: Computer Studies
Topics in Computer Studies may include, but is not limited to, keyboarding, computer history, computer hardware, productivity software, assistive technology, and the Internet. This course may be taken more that once with a different topic emphasis.

Prerequisites:
- ABE COST 075\(^1\); and ABE ENGL 060\(^1\) or ABE ENGL 061\(^1\) and ABE ENGL 062\(^2\) or minimum ABLE test score of 68/80 and an Intermediate Level writing sample

\(^1\) minimum grade of 60 required

COST 095-40 hours
Topics in Computer Studies
Topics in Computer Studies may include, but is not limited to keyboarding, computer history, computer hardware, productivity software, assistive technology, and the Internet. This course may be taken more that once but with a different topic emphasis.

Prerequisites:
- or minimum ABLE test score of 72/80 and a Provincial Level writing sample

COST 011-80 hours
Computer Studies 011
This course provides students with specific skills in word processing, spreadsheets, graphics, and Internet use. Computer hardware, operation and social issues are explored.

Prerequisites:
- ABE MATH 062 and ABE COST 070

Corequisites:
- ABE ENGL 080 and ABE COMP 011

COST 012-80 hours
Computer Studies 012
Application and extension of Computer Studies 011 skills. This course consists of a minimum of two of the following modules: information technology, publishing/presentation, advanced spreadsheets, database management, networking, and programming.

Prerequisites:
- ABE COST 011

Criminology

Prerequisites may be waived by the Interdisciplinary Studies department. See prerequisite waiver.

CRIM 111-3-3
Introduction to Criminology
This course will examine different terms and concepts commonly used in criminology, such as crime, delinquency, deviance, criminal, victim, rehabilitation and treatment, criminology as a body of knowledge and as a profession, and the position and subject matter of criminology. The relationship between criminology and other disciplines will be studied. (3,0,0)

CRIM 121-3-3
Introduction to the Criminal Justice System
This course is an introductory analysis of the structure and operation of the Canadian criminal justice system. Examinations of the pattern of crime and victimization; police operations, discretion and decision making; the criminal courts, including sentencing; the corrections systems, including correctional institutions and community-based models are included. (3,0,0)

CRIM 203-3-3
Psychological Perspectives on Crime and Deviance
In this course students will be introduced to psychological theories of criminal and deviant behaviour. Biological, psychiatric, and psychosocial explanations of crimes and deviance will be covered. (3,0,0)
Prerequisites:
- PSYC 111
- PSYC 121

**CRIM 204-3-3**
**Women, Crime and Justice**
In this course we will examine the history of women and crime and consider crime as a constructed discourse with particular gendered implications. We will examine how the Canadian criminal justice system and social control apparatus constructs women as criminals, victims and workers and how this in turn reflects and reproduces our stratified social order. This course is also offered as GSWS 204 and SOCI 204. Students with credit for WMST 204 or GSWS 204 or SOCI 204 cannot take CRIM 204 for further credit. (3,0,0)

Prerequisites:
- CRIM 111 or SOCI 111 or WMST 100 or GSWS 100

**CRIM 210-3-3**
**Law, Youth and Young Offenders**
This course involves an analysis of the definition and control of youthful misconduct in a historical and contemporary context. Topics focus on changes in the concepts of juvenile delinquency and the young offender as related to legislation, public perceptions and media representations of youth crime, theories of youth crime and delinquency, and programs and services established to deal with young offenders. (3,0,0)

Prerequisites:
- CRIM 111
- CRIM 121

**CRIM 220-3-3**
**The Politics of Human Rights**
The course introduces students to the issues of human rights with respect to international, regional and national politics, and legal conventions. It will study the origins of the current human rights regime; the transformations and extensions of human rights into the second-and third-generation rights; the institutionalization of human rights in the global arena and the limitations of the international treaty system. The last section of the course examines several distinct human rights issues such as torture, genocide, humanitarian intervention, and punitive and restorative justice. This course is also offered as POLI 220. Students with credit for CRIM 220 cannot take POLI 220 for further credit. (3,0,0)

Prerequisites:
- POLI 101
- 3 credits of political science or second year standing.

**CRIM 230-3-3**
**Criminal Law**
This course involves an examination of the nature, sources, and basic principles of criminal law. The distinctions between mens rea and actus reus, between regulatory offences and real crimes, and between strict and absolute liability are the focus of the course. Modes of participation in crime, the range of legal defenses, and the impact of the Canadian Charter of Rights and Freedoms will also be examined. (3,0,0)

Prerequisites:
- CRIM 235

**CRIM 235-3-3**
**Canadian Law and Legal Institutions**
Formerly CRIM 135
This course is an introduction to the foundation and operation of basic legal institutions in Canada. Students will explore common and civil law, the historical, political, economic and social contexts within which legal institutions operate, and the fundamentals of law creation and interpretation. (3,0,0)

Prerequisites:
- CRIM 111
- CRIM 121

**CRIM 240-3-3**
**Applied Ethics for Criminal and Social Justice Professions**
This course examines ethical issues confronting professionals in the criminal and associated justice systems. Topics focus on the philosophy of morals and ethics, professional ethical codes and restraints on professional conduct, ethics of decision-making, conflicts between the professional’s duty to protect society and his/her duty to the client, concerns regarding privileged communications and confidentiality. Students with credit in PHIL 250 may not take CRIM 240 for additional credit. (3,0,0)

Prerequisites:
- CRIM 111
- CRIM 121

**CRIM 260-3-3**
**Social Science Research Methods**
This course introduces students to common research techniques that are used in the social sciences. Topics include quantitative and qualitative research design, data collection, sampling procedures,
interpretation and analysis of data, ethics, and report writing. The perspective is an inter-disciplinary approach to research methodologies. (3,0,0)

Prerequisites:
• 6 credits of PSYC and/or SOCI

Collision Repair Technician

CRTF 101-6 hours
Introduction to Collision Repair
This course provides the student with an insight into the collision repair industry and will involve a tour of a collision repair facility. The students will be given orientation on the program and student requirements.

CRTF 102-18 hours
Safety in the Collision Repair Industry
This course covers WHMIS, WCB, shop safety procedures, material handling, storage and PPE requirements.

CRTF 103-18 hours
Applied Shop Practices
This course covers processing technical documents such as estimates and work orders, as well as locating and interpreting technical documents. Topics include deciphering vehicle identification plates and using shop terminology. It also covers the use of computers and the internet as they apply to the collision repair industry.

CRTF 104-18 hours
Tools and Equipment
This course involves the selection, maintenance and safe operation of automotive collision repair tools and equipment. Covered material includes hand and power tools, compressors, spray booths, jacking and hoists.

CRTF 105-30 hours
Body Structure and Components
This course involves the identification of various body structures and their components, bolt-on panel replacement and alignment techniques as well as full frame and unitized structure service techniques. It also includes mechanical component identification, and an in depth lesson on fastener technology.

CRTF 106-24 hours
Fixed and Moveable Glass
This course covers identification, installation and service of all types of OEM automotive fixed and moveable glass. It also includes glass polishing and aftermarket film application as well as various leak detection methods.

CRTF 107-30 hours
Cutting and Heating Technologies
This course introduces the student to various methods of cutting and heating metallic substrates found on today’s vehicles. Technologies included are Oxy-Acetylene, Plasma Arc, and Induction Heating.

CRTF 108-60 hours
MIG Welding Steel
This course covers MIG butt, lap and plug welding techniques on all gauges and types of automotive steels. Other topics covered include MIG Brazing, out of position steel welding techniques and reference to OEM welding standards to today's high-tech steels.

CRTF 109-60 hours
MIG Welding Aluminum
This course covers MIG butt, lap and plug welding techniques on automotive grade aluminum. The course demonstrates various processes involved including conventional IG, Push Pull Feeder and Spool Gun use.

CRTF 110-36 hours
TIG Welding Steel and Aluminum
This course introduces the student to the Tungsten Inert Gass welding procedures for Steel and Aluminum. Techniques introduces include lap, butt and plug welding.

CRTF 111-60 hours
Automotive Sheet Metal Repair Fundamentals
This course exposes the student to various sheet metal damage repair techniques used in the collision repair industry. It also includes an introduction to paintless dent repair and the latest tools and techniques used in the collision repair industry.

CRTF 112-30 hours
Plastic Repair Technologies
This course involves the repair and replacement of multiple types of plastics found on today’s modern vehicles. Topics include means of identification, plastic welding and adhesive repair using the latest materials and techniques found in industry.

CRTF 113-24 hours
Composite Plastic Repair Technology
This course covers the repair and replacement of fibre-reinforced plastics such as FRP, SMC and SRIM. Topics include repair, sectioning and full panel replacement procedures.

CRTF 114-30 hours
Aluminum Repair
This course covers all aspects of aluminum repair. Topics include methods of identifying the various series of aluminum, properties, annealing procedures
and specialized techniques required for successful repairs.

**CRTF 115-18 hours**  
**Aluminum Panel Replacement**  
This course covers all aspects of aluminum panel replacement. Topics include welded panel replacement, adhesive bonding procedures and mechanically fastened panels.

**CRTF 116-60 hours**  
**Surface Preparation**  
This course exposes student to the various steps involved in preparing a vehicle surface for the refinishing process. Substrate evaluation, abrasives, masking, specialized tools and sanding techniques are covered in this course.

**CRTF 117-60 hours**  
**Undercoats**  
This course exposes the student to the types, proper usage, and application techniques of the various type of automotive undercoats used in the refinishing process. New technology such as waterborne primer surfacers are covered in this course.

**CRTF 118-18 hours**  
**Topcoats for the Collision Technician**  
This course exposes the student to the types, proper use and application techniques of the various type of automotive topcoats used in the refinishing process. Included topics are spot repairs and blending. This component is necessary to maintain alignment with the National Occupational Analysis and Inter-Provincial Certification for Collision Repair technicians.

**CRTF 119-12 hours**  
**Detailing**  
This course exposes the student to the steps and techniques in preparing a refinished vehicle for delivery to the customer. This component is necessary to maintain alignment with the National Occupational Analysis and Inter-Provincial Certification.

**CRTF 120-30 hours**  
**Unibody Panel Replacement and Sectioning**  
This course covers the full or partial replacement of cosmetic and structural panels on ununitized vehicles. Panel bonding and STRSW are introduced in this course as well. OEM and I-Car procedures are covered in depth throughout this component of training.

**CRTF 121-30 hours**  
**Full Frame Replacement and Sectioning**  
This course focuses on procedures approved by the OEM and I-Car. Sectioning and full frame replacement is the principal topics. Repair/replace decisions, heating, welding and riveting considerations are also covered.

**CRTF 122-12 hours**  
**Corrosion Protection and NVH Technologies**  
This course covers methods for restoring corrosion protection and NVH materials to the vehicle structure post-collision. Other topics include seam sealing technology and undercoating.

**CRTF 123-24 hours**  
**Mechanical Components 1 - Heating/Cooling/HVAC**  
This course gives the student the ability to service components related to the heating, cooling and air condition system. Topics include evacuation and recharging of A/C components, coolant system flushing and HVAC overhaul(retrofit).

**CRTF 124-12 hours**  
**Mechanical Components 2 - Electrical Systems**  
This course exposes the student to the fundamentals of electricity. Topics include implementation of Ohm's law, troubleshooting faults, wiring repairs, batteries and basic DVOM use.

**CRTF 125-12 hours**  
**Mechanical Components 3 - Hybrid Vehicle Technology**  
This course covers the complexities of the Hybrid electrical systems found on today's modern vehicles. Safe handling, disabling and enabling the systems are covered in this course.

**CRTF 126-12 hours**  
**Mechanical Components 4 - Electronic Diagnostics**  
This course covers the use of scan tools and metering devices used to diagnose fault codes in the various computer controlled systems on today's modern vehicles. Code retrieval, diagnostic charts, troubleshooting and repair through the flow of diagnosis are components of this course.

**CRTF 127-30 hours**  
**Mechanical Components 5 Restraint Systems**  
This course exposes the student to supplemental restraint systems. Components of the course include diagnosis, service, replacement and repair of frontal, side impact and rollover protection systems.

**CRTF 128-12 hours**  
**Mechanical Components 6 - Braking Systems**  
This course covers the fundamentals of today's modern braking systems. Topics include basic brake service, ABS braking systems and diagnostics.
CRTF 129-12 hours
Mechanical Components 7 - Fuel & Exhaust Systems
This course focuses on the various components of the fuel delivery system and the exhaust system from a collision repairer's standpoint. Components included are fuel system electronics and hardware and exhaust system service.

CRTF 130-12 hours
Mechanical Components 8 - Drivetrain & Mounts
This course introduces the student to the various mechanical and driveline components that are found on today's vehicles. Identification and inspection along with the R&I procedures are the main focus of this course.

CRTF 131-60 hours
Collision Impact Analysis
This course introduces the student to the various forces present during a collision. Topics covered include inertial damage to the body/frame structure, mechanical and interior components.

CRTF 132-60 hours
Measuring Collision Damage
This course covers methods of determining collision damage through the principles of measuring. Topics include new measuring technologies, damage conditions, measuring tools, repair plan/damage tracking and the use of computer-based measurement programs.

CRTF 133-60 hours
Anchoring Systems & Principles
This course covers the anchoring techniques required for full frame and Unibody structures. Topics covered are anchoring relative to structure and damage type, supplemental anchoring, and anchoring systems.

CRTF 134-90 hours
Structural Pulling and Straightening
This course covers the techniques and processes required to correct collision damage through the application of controlled force. Topics include multiple pulls, challenges with new steel technologies and structures, and heat application to structure.

CRTF 135-60 hours
Advanced Repair & Sectioning Techniques
This course exposes the student to the latest changes in vehicle construction technologies and repair techniques. Topics include OEM repair and sectioning recommendations and information on how to retrieve online technical information.

CRTF 136-60 hours
Wheel Alignment & Damage Diagnosis
This course focuses on wheel alignment and how it relates to collision repair. During the course the student will learn the fundamentals of wheel alignment, troubleshooting drivability problems and diagnosing collision damaged steering and suspension.

CRTF 137-18 hours
Business Management & Insurance Liaison
This course describes the business practices of today's body shop. Entrepreneurship and customer relations as well as computer-based and manual estimating practices are covered in depth.

CRTF 138-12 hours
Preparation for Employment
This course prepares the student for the challenge of securing employment. Interpersonal skills, resume writing and job searching tools are topics covered.

Custodial Worker

CW 03-30 hours
Floor Care and Maintenance
Basic principles of floor care, together with equipment and procedures used in wet mopping, damp mopping, scrubbing, stripping, polishing, spray buffing, burnishing, and the proper application of floor finishes and sealers. (30 hours)

CW 04-16 hours
Carpet Cleaning and Maintenance
Introduction to the types and construction of carpets and rugs. Application of equipment and supplies, as well as the procedures used in cleaning and maintaining carpets. (16 hours)

CW 06-33 hours
Basic Cleaning Procedures
Introduction to basic techniques of cleaning. This course includes worker motivation, care and upkeep of equipment, motion economy, safety in the workplace, fire safety, security, dusting, dust mopping, chemicals of the industry, the housekeeping cart, servicing dispensers, restroom sanitation, cleaning light fixtures, and washing walls, chalkboards and windows. (33 hours)

CW 07-15 hours
Special Cleaning and Maintenance
Instruction and practice in cleaning special areas and fixtures, including metallic objects, venetian blinds, wooden furniture, stairways, lobbies, gymnasiums, kitchens, and shops.

Dental Administrative Assistant

DAA 100-15 hours
Communication Skills
Positive and effective communication and conflict resolution skills are crucial to good working relationships with co-workers and customers. Students will study communication styles, strategies for effective communication, and basic conflict resolution skills and techniques.

DAA 101-39 hours
Introduction to Dentistry
This course includes introductory information on the relevant dental and medical specialities, dental terminology, tooth anatomy, patient records, and basic dental procedures.

DAA 102-66 hours
Dental Office Procedures and Computers
This course is an overview of the different types of dental insurance and their rules and regulations as well as basic office procedures. Topics covered include accounting basics, introduction to dental computer programs, telephone and digital communication skills, and record keeping, including reports and activities.

Drupal

DRUP 100-30 hours
Introduction to Drupal Development
This course will provide students with an overview of developing Drupal 8 web sites, development workflow, site deployment and industry standard tooling. Most tools and practices discussed in this module will be applicable to non-Drupal web development but will have a focus on Drupal. This course will provide the knowledge and ability for students to complete the proper setup of a development environment, installing and configuring a web server software stack (LAMP) and site management through version control software.

Also offered by Distance Education

DRUP 110-20 hours
GUI Usage
This course will guide students through Drupal site management with a focus on the graphical User Interface (GUI). Emphasis will be on creating and managing content, providing views to organize and collate content and providing basic site functionality through content types and menus.

Also offered by Distance Education

DRUP 120-40 hours
Website Theming
This course will provide students with the key skills needed to theme a Drupal website. Students will learn to utilize PSR-4 name spaces and auto loading to modify core Drupal installations in order to theme them. This module will cover bootstrapping a custom theme and how to work with Drupalâ€™s hook system.

Also offered by Distance Education

DRUP 130-20 hours
Website Development Project
This course provides the opportunity for students to experience the first part of a real-world project. It will test the studentâ€™s ability to apply CSS, JavaScript and Drupal interface skills. Students develop a cohesive site in a time limited manner.

Prerequisites:
• DRUP 100¹
• DRUP 110¹
• DRUP 120¹

¹ minimum grade of 70 required

Also offered by Distance Education

DRUP 140-40 hours
Modules and Hooks
In this course, students will render arrays, twig templates and the Drupal framework to install, use and modify modules as well as building new, custom modules. Students will explore the usage of Drupalâ€™s hook system and Drupalâ€™s Entity API and Form API.

Also offered by Distance Education

DRUP 150-10 hours
Developing Custom Modules
In this course students will build upon the project from DRUPAL 130 and create a custom module. Students will demonstrate and apply their ability to translate the needs of a potential client as a custom module.

Prerequisites:
• DRUP 130¹
• DRUP 140¹

¹ minimum grade of 70 required

Also offered by Distance Education

DRUP 160-30 hours
Building E-Commerce Financial Transactions
This course provides instruction on building an e-commerce website with Drupal. Students will learn about industry standards for financial transactions,
management of products and product variations, and managing single store and multi-store environments.

Also offered by Distance Education

**DRUP 170-10 hours**
**Commerce Project**
This course combines all the skills previously learned in the program and applies them by completing the commerce portion of the site. E-Commerce is an integral part of the internet and serves as a backbone to many high profile sites like Amazon, Etsy and Telus. It emphasizes best practices for security and design for commerce.

Prerequisites:
- DRUP 100<sup>1</sup>
- DRUP 110<sup>1</sup>
- DRUP 120<sup>1</sup>
- DRUP 130<sup>1</sup>
- DRUP 140<sup>1</sup>
- DRUP 150<sup>1</sup>
- DRUP 160<sup>1</sup>

<sup>1</sup> minimum grade of 70 required

Also offered by Distance Education

**DRUP 180-40 hours**
**Drupal Community Project**
In this course students will learn how to interact and collaborate with community members of an open source project to achieve a collective goal. Open source projects rely on contributions from fellow programmers to grow and improve, and students will be exposed to the mechanisms used by Drupal projects. Topics included: providing help to users, writing or improving documentation, writing tests and generating new code.

Prerequisites:
- DRUP 130<sup>1</sup>
- DRUP 150<sup>1</sup>
- DRUP 170<sup>1</sup>

<sup>1</sup> minimum grade of 70 required

Also offered by Distance Education

**Developing Reading & Writing Skills**

*Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.*

Data Science

*Prerequisites may be waived by the Mathematics department. See prerequisite waiver.*

**DSCI 100-3-4**
**Introduction to Data Science I**
This course is an introduction to Data Science. The class will discuss what data science actually is, the structure of a data science project, formulating data science questions and identifying a successful data science project. Topics: getting and cleaning data, code books, dealing with difference data types, missing data, experimental design, and visualization techniques. Note: Students in this course are expected to own a personal laptop (4,0,0)

Prerequisites:
- ABE MATH 012<sup>1</sup> or Principles of Math 12<sup>2</sup> or Pre-Calculus 12<sup>2</sup> or MATH 120 or admission to the Okanagan College Post-Baccalaureate Diploma in Marketing and Data Analytics.

Corequisites:
- DSCI 110

<sup>1</sup> minimum grade of 67 required
<sup>2</sup> minimum score of 67 required

**DSCI 101-3-4**
**Introduction to Data Science 2**
This course is a continuation of Introduction to Data Science I. Topics include: Exploratory graphs, plotting systems, hierarchical clustering, k-means clustering, dimension reduction, principle component analysis and singular valve decomposition. (4,0,0)

Prerequisites:
• DSCI 100
• DSCI 110

DSCI 110-3-4
Mathematical Computation
This course introduces some of the software commonly used by mathematicians and statisticians including R (and R studio), Excel and LaTeX. Students will learn techniques for dealing with data databases and version control. No prior computer skills are required for this course; however, familiarity with computers is considered an asset. Note: Students in this course are expected to own a personal laptop (4,0,0)

Prerequisites:
• ABE MATH 012\(^1\) or Principles of Math 12\(^2\) or Pre-Calculus 12\(^2\) or MATH 120
  or admission to the Okanagan College Post-Baccalaureate Diploma in Marketing and Data Analytics.

1 minimum grade of 67 required
2 minimum score of 67 required

DSCI 200-3-4
Introduction to Data Science 3
This course covers advanced topics in Data Science. Topics include: support vector machines, neural networks, optimization, supervised versus unsupervised learning, over-fitting, receive operating characteristic curves, prediction with regression, prediction with decision trees, prediction with random forests, boosting and prediction blending. (4,0,0)

Prerequisites:
• DSCI 101

DSCI 300-3-4
Data Wrangling and Visualization
This course is an introduction to Data Science. The class will discuss what data science actually is, the structure of a data science project, formulating data science questions and identifying a successful data science project. Topics: getting and cleaning data, code books, dealing with different data types, missing data, experimental design, and visualization techniques. If a student has taken DSCI 100 for credit, they can not take DSCI 300 for further credit. (4,0,0)

Prerequisites:
• ABE MATH 012\(^1\) or Principles of Math 12\(^2\) or Pre-Calculus 12\(^2\) or MATH 120
  or MATH 120 and 3rd or 4th year standing, or admission to the Okanagan College Post-Baccalaureate Diploma in Marketing and Data Analytics.

1 minimum grade of 67 required
2 minimum score of 67 required

DSCI 310-3-4
Mathematics Computation
This course introduces some of the software commonly used by mathematicians and statisticians including R (and R studio), Excel and LaTeX. Students will learn techniques for dealing with data, databases and version control. No prior computer skills are required for this course; however, familiarity with computers is considered an asset. Students who have taken DSCI 110 for credit can not take DSCI 310 for further credit. (4,0,0)

Prerequisites:
• ABE MATH 012\(^1\) or Principles of Math 12\(^2\) or Pre-Calculus 12\(^2\) or MATH 120
  or admission to the Okanagan College Post-Baccalaureate Diploma in Marketing and Data Analytics.

1 minimum grade of 67 required
2 minimum score of 67 required

DSCI 315-3-4
Dashboards and Analytic Reporting
This course is an introduction to dashboard reporting. Students will learn how to use Power Query to clean, transform and refine data before incorporating it into a data model or dashboard. Learners will also learn how to create scalable models using Power Pivot. Finally, students will build interactive visualizations. (4,0,0)

Prerequisites:
• DSCI 101
• 3rd year standing

DSCI 321-3-4
Health Care Analytics
Data analytics plays an increasingly greater role in health care organizations. This course provides a background to how analytics is used in the healthcare industry. Students will work hands-on with healthcare data to transform it into value through predictive analytics. This course provides learners a sense of how analytics is used in a broad range of roles (both clinical and non-clinical), and how to effectively gather and communicate information from data analytics. Students will use analytics to improve clinical outcomes and reduce healthcare costs. (4,0,0)

Prerequisites:
• DSCI 101
3rd year standing

DSCI 322-3-4
Comparative Health Systems
A fundamental step in improving the quality of health globally is having a clear understanding of health systems globally. This course explores health systems across a variety of countries comparing them to the Canadian system, the US system and the European system. A thorough frame work of a variety of countries’ history, geography, government, and economy will be examined to compare the healthcare systems so learners can gain insight into how data and data science can be best used to improve health related outcomes, facilities, workforce, technology, cost, quality, and access. Data privacy across countries is also examined. (4,0,0)

Prerequisites:
• 3rd year standing.

DSCI 323-3-4
Epidemiology and Health Analytics
This course aims to answer the question of what is epidemiology and how does it contribute to the health of our society. Topics for this course include the theory and methods of epidemiological research and analysis, causal inference and the role that statistics plays in that research. Learners will become better able to read epidemiological literature and point out statistical flaws and study design flaws. Gaining these types of critical evaluation skills is particularly important for public health practitioners. The course focuses on epidemiological study design as well as the tools needed to interpret the results of studies. Ethical conduct is emphasized through the course. (4,0,0)

Prerequisites:
• 3rd year standing.

DSCI 324-3-4
Health Care Information Systems
This course offers the fundamental tools and knowledge to manage information and information resources effectively within health care organizations. It reviews the forces that shape the health information landscape, offers guidance on the implementation, evaluation, and management of health care information systems, and reviews laws, regulations, and standards that impact health care information systems. (4,0,0)

Prerequisites:
• 3rd year standing.

This project course is dedicated to the analysis of theoretical and practical aspects of selected examples of data science. It forms the application and extension of knowledge from previous and current courses as it relates to practical data science scenarios. Students will be required to submit a technical report based on a major data science project and do a presentation before a selected audience. (3,0,0)

Prerequisites:
• DSCI 200

DSCI 400-3-4
Machine Learning I
This course is a continuation of Data Wrangling and Visualization. Topics include: Exploratory graphs, plotting systems, hierarchical clustering, k-means clustering, dimension reduction, principle component analysis and singular value decomposition. Students who have taken DSCI 101 for credit can not take DSCI 400 for further credit. (4,0,0)

Prerequisites:
• DSCI 300
• DSCI 310

DSCI 401-3-4
Machine Learning II
This course covers advanced topics in Data Science. Topics include: support vector machines, neural networks, optimization, supervised versus unsupervised learning, over-fitting, receive operating characteristic curves, prediction with regression, prediction with decision trees, prediction with random forests, boosting and prediction blending. (4,0,0)

Prerequisites:
• DSCI 300
• DSCI 310

DSCI 420-3-4
Mathematics for Machine Learning
This course provides learners with the mathematics behind the four pillars of machine learning: regression, dimensionality reduction, density estimation and classification. While these algorithms will be discussed, the main goal of the course is to equip learners with the mathematical skills necessary to understand future algorithms in data science as the industry is ever-changing. (4,0,0)

Prerequisites:
• MATH 314
• STAT 1211 or STAT 1241 or STAT 2301

1 minimum grade of 70 required
DSCI 490-3-3  
**Data Science Project**  
This project course is dedicated to the analysis of theoretical and practical aspects of selected examples of data science. It forms the application and extension of knowledge from previous and current courses as it relates to practical data science scenarios. Students will be required to submit a technical report based on a major data science project and do a presentation before a selected audience. (3,0,0)

**Prerequisites:**  
- DSCI 400  
- DSCI 401

**Desktop Support Technician**

**Education Assistant**

EA 111-12 hours  
**School Organization**  
This course provides an introduction to the organizational structure and administration of School Districts. Particular attention is given to the role of Education Assistants in the classroom and school, relationships with other community service providers, ministerial categories and funding structures.

EA 112-30 hours  
**Education and Child Development**  
This course provides learners with an overview of major theories of child development and information about how social and biological influences can affect child development. Learners are introduced to general educational practices with particular attention given to individualized instruction, cooperative learning and the importance of creating a positive learning environment. Learners develop an understanding of the need for differentiated curriculum, an awareness of learning difference and how learning differences can impact access to curriculum.

EA 113-120 hours  
**Workshop**  
Learners explore current and relevant topics that prepare them for work as an Education Assistant.

EA 114-30 hours  
**Translating and Supporting Behaviour**  
This course provides learners with a theoretical foundation for understanding how students communicate through behaviour. Learners gain skills in observing and identifying causes and purposes for behaviours. Strategies and information for positively supporting behaviours are also provided.

EA 115-48 hours  
**Implementing and Integrating Curriculum**  
This course provides learners with an overview of an Education Assistant’s role in the implementation of core competencies, curriculum and a student’s IEP (Individualized Education Plan). Learners develop the skills required to implement modifications and adaptations of curriculum to meet the unique needs of students.

EA 116-21 hours  
**Technology in Education**  
This course introduces learners to the use of technology in education and how it can enhance the learning experience. Learners explore commonly used applications and online educational resources.

EA 121-12 hours  
**Issues in Education**  
This course introduces key educational issues that can impact the role of the Education Assistant with an emphasis on the principles of inclusion.

EA 122-54 hours  
**Supporting Educational Domains**  
This course provides learners with an overview of disorders, syndromes, disabilities and challenges that affect children and adolescents. The course provides strategies to create a successful learning environment using a strength based on approach and appreciation of different learning styles. Learners are also provided with strategies to support the cultural, social, emotional, cognitive and physical health of students.

EA 124-120 hours  
**Practicum**  
The practicum provides the learner with the opportunity to integrate theory into practice at one of the approved practicum sites.

**English for Academic Purposes**

EAPD 010-140 hours  
**Academic Discussion Skills 1**  
This first course in academic listening and speaking will focus on developing skills for participation in academic discussions. Group discussions and oral presentations will be part of the course, as will less-formal English such as conversation gambits through idioms and pronunciation such as reductions, contractions, assimilations. Listening content will include both Canadian and other cultural material through a variety of media.

**Prerequisites:**  
- ELLS 0401  
- ELRW 0301 or ELR 0301 and ELW 0301  
or by meeting the admission requirements for EAP level 1.
EAPD 020-140 hours  
**Academic Discussion Skills 2**
This is the second course in academic listening and speaking. Students will continue developing their ability to understand and be understood in general academic settings. Fluency, pronunciation, and intonation will be emphasized at the appropriate level. Writing skills such as note-taking, critiques, and summaries related to listening and speaking are also developed. Class and lab time include guest speakers and audio/visual materials. Cultural awareness is part of the course through a variety of activities including special events.

Prerequisites:
- EAPD 010\(^1\)
- ELRW 040\(^1\) or ELR 040\(^1\) and ELW 040\(^1\) or by meeting the admission requirements for EAP level 2.

\(^1\) minimum grade of 65 required

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EAPD 030-140 hours  
**Academic Discussion Skills 3**
This is the third course in academic listening and speaking. Classwork will help prepare students for full time academic studies. Course content will emphasize critical listening skills of rapid, colloquial or regional language, and discussion strategies will be included while integrating pronunciation components for near-fluent speakers. Note-taking strategies will focus on intent and purpose, factual details, key words, and inferred meaning.

Prerequisites:
- EAPD 020\(^1\)
- EAPS 010\(^1\) or EAPR 010\(^1\) and EAPW 010\(^1\) or by meeting the admission requirements for EAP level 3.

\(^1\) minimum grade of 65 required

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EAPD 040-140 hours  
**Academic Discussion Skills 4**
This is the fourth course in academic listening and speaking. Classwork will help prepare students for full time academic studies. Course content will emphasize critical listening skills of rapid, colloquial or regional language, and discussion strategies will be included while integrating pronunciation components for near-fluent speakers. Note-taking strategies will focus on intent and purpose, factual details, key words, and inferred meaning.

Prerequisites:
- EAP 010\(^1\)
- EAPR 010\(^1\) or EAPW 010\(^1\) or meeting the admission requirements for EAP level 3.

\(^1\) minimum grade of 65 required

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**English for Academic Purposes Reading**

EAPR 010-70 hours  
**Academic Reading Skills 1**
In this high intermediate reading course, students will improve their academic reading skills through the reading and analysis of a variety of articles, academic texts, and short stories.

Prerequisites:
- ELR 030\(^1\)
- ELW 030\(^1\) or ELLS 030\(^1\) or by meeting the admission requirements for EAP level 1.

\(^1\) minimum grade of 65 required

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EAPR 020-70 hours  
**Academic Reading Skills 2**
In this advanced reading course, students will analyze a variety of academic texts and works of fiction. Classroom activities will include reading skills development to improve comprehension and vocabulary, as well as analytic and critical thinking skills.

Prerequisites:
- EAPR 010\(^1\)
- ELW 040\(^1\) or ELLS 040\(^1\) or by meeting the admission requirements for EAP level 2.

\(^1\) minimum grade of 65 required

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EAPR 030-70 hours  
**Academic Reading Skills 3**
This is the final and most advanced course in the academic reading program. Students will read and analyze a variety of lengthy, complex texts. Classroom work will include reading activities designed to continue developing advanced skills such as interpreting, analyzing and make inferences.

Prerequisites:
- EAPR 020\(^1\) and EAPW 010\(^1\) or EAPD 010\(^1\) or meeting the admission requirements for EAP level 3.

\(^1\) minimum grade of 65 required

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1. minimum grade of 65 required
2. minimum score of 6.0 required
3. minimum score of 079 required

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EAP 010\(^1\) or IELTS\(^2\) or TOEFL Internet Based Score\(^3\) or placement at Level 7 Discussion on OCELA.

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Current as of July 5, 2021
1 minimum grade of 65 required

EAPR 040-70 hours  
**Academic Reading Skills 4**
This is the final and most advanced course in the academic reading program. Students will read and analyze a variety of lengthy, complex texts. Classroom work will include reading activities designed to continue developing advanced skills such as interpreting, analyzing and making inferences.

Prerequisites:
- EAPR 030\(^1\) or IELTS\(^2\) or TOEFL Internet Based Score\(^3\) or placement at Level 7 Reading on OCELA.

1 minimum grade of 65 required  
2 minimum score of 6.0 required  
3 minimum score of 079 required

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**English for Academic Purposes Scholarship**

EAPS 010-140 hours  
**English for Academic Purposes Scholarship 1**
This high-intermediate course continues to develop reading and writing skills for work, academic, or personal reasons. Students read articles, essays, and fiction. Students write paragraphs and essays in the range of 750-1000 words. Skill development helps students reach the writing outcomes for Canadian Language Benchmark Level 7 and the reading outcomes for 7/8. Note: Completion of EAPS 010 is equivalent to completion of both EAPW 010 and EAPR 010.

Prerequisites:
- EAPR 030\(^1\) and ELW 040\(^1\) or ELRW 040\(^1\)
- ELLS 030\(^1\) or by meeting the admission requirements for EAP level 1.

1 minimum grade of 65 required

EAPS 020-140 hours  
**English for Academic Purposes Scholarship 2**
This low-advanced course develops academic reading and writing skills. Students read textbook selections, articles, essays, poetry, and fiction. Students write essays in the range of 1000-1250 words. Skill development helps students reach the reading and writing outcomes for Canadian Language Benchmark Level 8. Note: Completion of EAPS 020 is equivalent to completion of both EAPR 020 and EAPW 020.

Prerequisites:
- EAPS 010\(^1\) or EAPR 010\(^1\) and EAPW 010\(^1\); and ELLS 040\(^1\)
- by meeting the admission requirements for EAP level 2.

1 minimum grade of 65 required

EAPS 030-140 hours  
**English for Academic Purposes Scholarship 3**
This high-advanced course develops academic reading and writing skills. Students read textbook selections, articles, essays and a novel. Students write essays in the range of 1250-1500 words. Skill development helps students reach the reading writing outcomes for Canadian Language Benchmark Level 9. Note: Completion of EAPS 030 is equivalent to completion of both EAPR 030 and EAPW 030.

Prerequisites:
- EAPS 020\(^1\) or EAPR 020\(^1\) and EAPW 020\(^1\); and EAPD 010\(^1\)
- by meeting the admission requirements for EAP level 3.

1 minimum grade of 65 required

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**English for Academic Purposes Writing**

EAPW 010-70 hours  
**Academic Writing Skills 1**
This writing course will develop students’ intermediate writing skills. This course will offer grammar practice and writing assignments which will enable students to write grammatically correct, well-organized and full-developed paragraphs. The academic essay will also be introduced.

Prerequisites:
• ELW 040\(^1\) and ELR 030\(^1\) or ELLS 030\(^1\)
or meeting the admission requirements for EAP level 1.

\(^1\) minimum grade of 65 required

**EAPW 020-70 hours**
**Academic Writing Skills 2**
Students in this academic writing course will focus on more complex essay writing, such as cause/effect, comparison/contrast, and argumentative essays. Students will also be introduced to research essays with emphasis on appropriate use of paraphrasing strategies, citation styles and grammar structures.

Prerequisites:
• EAPW 0101 and ELR 0401 or ELLS 0401 or by meeting the admission requirements for EAP level 2.

\(^1\) minimum grade of 65 required

**EAPW 030-70 hours**
**Academic Writing Skills 3**
This most advanced course in writing develops writing ability for academic purposes. This course focuses on developing students' ability to write a research paper, a literature essay and academic essays of greater complexity and length.

Prerequisites:
• EAPW 0201 and EAPR 0101 or EAPD 0101 or by meeting the admission requirements for EAP level 3.

\(^1\) minimum grade of 65 required

**EAPW 040-70 hours**
**Academic Writing Skills 4**
This most advanced course in writing develops writing ability for academic purposes. This course focuses on developing students' ability to write a research paper, a literature essay and academic essays of greater complexity and length.

Prerequisites:
• EAPW 0301 or IELTS\(^2\) or TOEFL Internet Based Score\(^3\) or placement at Level 7 Writing on OCELA.

\(^1\) minimum grade of 65 required
\(^2\) minimum score of 6.0 required
\(^3\) minimum score of 079 required

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**Early Childhood Education**

**ECDE 111-60 hours**
**Interpersonal and Personal Communication Skills**
This course prepares the learner to communicate effectively with a variety of individuals using effective communication techniques. Learners will be able to understand the dynamics of families and clarity their own beliefs and values to enhance interpersonal relationships.

Prerequisites:
• admission to Early Childhood Education Diploma program

**ECDE 112-60 hours**
**Child Development Conception to 3 years**
This course provides the learner with an in-depth study of child development from conception through to the end of age two. Developmental expectations are clearly linked to programming opportunities so that planning decisions are made that most appropriately facilitate the growth of all children in inclusive environments. Curricular play resources will be explored in subject areas that develop skills in social, emotional, physical, intellectual and creative developmental realms.

Prerequisites:
• admission to Early Childhood Education Diploma program

Corequisites:
• ECDE 113 and ECDE 116 and ECDE 117

**ECDE 113-60 hours**
**Child Development 3-12 years of Age**
This course provides the student with an in-depth study of child development from three to twelve years. Developmental expectations are explored and linked to children's programming. The critical elements of best practice are examined in terms of encouraging the overall development of children within inclusive environments.

Concurrent Registration: ECDE 114

**ECDE 114-75 hours**
**Planning for Early Childhood Education**
This course provides opportunities to plan and implement curriculum for children 3-12 years of age. Developmental expectations and specific measurable goals will link to programming so that planning decisions are made that facilitate the growth of all children in inclusive environments. Curricular play resources will be explored in subject areas that develop skills in all developmental areas.
Concurrent Registration: ECDE 113

**ECDE 115-60 hours**
**The Early Childhood Profession**
formerly ECE 111
This course will provide the student with an overview of the field of Early Childhood Education, provincially, nationally and internationally. Legislation, child abuse, anti-bias, children's rights, historical factors influencing the field, and different philosophical models will be explored.

**Prerequisites:**
- admission to Early Childhood Education Diploma program

**ECDE 116-45 hours**
**Observing and Documenting Children's Development**
This course is designed to teach students the many techniques available to accurately observe and record children's developmental behaviors. Students will have an opportunity to observe and compare a variety of learning environments.

Concurrent Registration: ECDE 117

**ECDE 117-90 hours**
**Observing and Documenting Children's Development Practicum**
This course is designed to allow students to practice the many techniques available to accurately observe and document children's developmental behaviors. Students will have the opportunity to interact with children in early learning environments as well as practice beginning levels of professional communication with supervisors and other centre staff.

Concurrent Registration: ECDE 116

**ECDE 121-45 hours**
**Group Process**
This course builds upon interpersonal communication skills developed in HSS 101. Students will learn the skills of productive problem solving, conflict resolution and steps to building collaborative relationships in the early childhood environment.

**Prerequisites:**
- ECDE 111
- ECDE 112
- ECDE 113
- ECDE 114
- ECDE 116
- ECDE 117

**ECDE 122-60 hours**
**Health, Safety and Nutrition**
This course provides learners with the knowledge and skills necessary to promote the well-being of children. Illness recognition, prevention, and universal precautions will be explored. The role of nutrition in wellness, development of life-long eating habits, menu-planning, food handling and safety will be addressed. The provision of safe environments as required by licensing standards and 'best practice' will be discussed.

**Prerequisites:**
- ECDE 129 or permission of the department

Also offered by Distance Education

**ECDE 123-60 hours**
**Families**
In this course students are introduced to the concept of "family" within the context of a caregiving environment. Developmental stages, member roles, cultural influences and issues of bias and inclusiveness are examined, with links to the student's own family of origin.

**Prerequisites:**
- ECDE 111
- ECDE 112
- ECDE 113
- ECDE 114
- ECDE 115
- ECDE 116
- ECDE 117

**ECDE 124-60 hours**
**Guiding and Caring**
Students will learn the skills necessary to guide children's behaviour in respectful ways, and to positively influence children's social and emotional development.

**Prerequisites:**
- ECDE 111
- ECDE 112
- ECDE 113
- ECDE 114
- ECDE 116
- ECDE 117

**ECDE 129-225 hours**
**Practicum II**
This seven-and-one-half-week, 30 hour-per-week, block practicum will serve as the student's primary introduction to childcare settings. The student will have the opportunity to interact with children in a respectful and playful way, over an extended period.
The student will refine and apply their observation skills and use them effectively for planning activities with children. Students will practice guidance skills with children, and further enhance their professional communication with centre staff and families.

Prerequisites:
- ECDE 121
- ECDE 122
- ECDE 123
- ECDE 124

ECDE 211-45 hours
Professionalism
Students will develop an appreciation for their role as a professional in the lives of young children. They will look at ways to be a change agent through advocacy and work within the ECEBC Code of Ethics.

Prerequisites:
- ECDE 129

ECDE 212-60 hours
Advanced Program Planning
This course builds upon learning around child development and responsive planning. The focus now extends to the program context, with an emergent and inclusive approach to the caregiver's role as planner within the play environment. While learning the skills of creating programs for all children, students will have the opportunity to explore their own philosophy of play-based learning for young children.

Prerequisites:
- ECDE 129

ECDE 213-60 hours
Working with Families and Community
In this course students take the opportunity to explore the contexts affecting the child and incorporate their influence in the early childhood environment. Topics include communication climates for respectful interaction with family and community, supporting parents in building healthy relationships with their children, accessing community, provincial and federal resources and working in multidisciplinary teams.

Prerequisites:
- ECDE 129

ECDE 214-60 hours
Practices in Infant Toddler Care
In this course learners will explore models of infant and toddler care and reflect upon program similarities and differences. During this process, students have the opportunity to reflect on observations, and integrate their own thinking around the ecology of under three care and education.

Prerequisites:
- ECDE 129

ECDE 219-215 hours
Practicum III
This block practicum will serve as the student's integration practicum. The student will synthesize learning with practical application over an extended period, while articulating and demonstrating their personal philosophy of caring for young children. The student will refine and apply observation skills, effective planning, guidance skills, and professional communication with centre staff and families.

Prerequisites:
- ECDE 211
- ECDE 212
- ECDE 213
- ECDE 214

ECDE 222-75 hours
Developmentally-Responsive Environments for Under Threes
In this course the learner participates in an indepth study of infant and toddler development. Caregiving needs specific to children under three are linked to developmentally appropriate and responsive program planning decisions. The focus is on the building of respectful relationships with infants and toddlers.

Prerequisites:
- ECDE 219

ECDE 223-60 hours
Administration
Students will develop the skills necessary to work effectively as a room supervisor and childcare centre manager. Emphasis will be on needs assessment and budgeting, leadership, relevant legislation, staff development, policy development and marketing, in the context of inclusive environments.

Prerequisites:
- ECDE 219

Also offered by Distance Education

ECDE 224-60 hours
Inclusive Practice Theories
In this course, students will explore causes and characteristics of exceptionalities and their behavioural implications within inclusive environments. A review of historical issues around exceptionality and inclusion will be undertaken.
Students will gain understanding around environmental adaptation to meet the needs of all children.

Prerequisites:
- ECDE 219

ECDE 225-60 hours Inclusive Practice Strategies
This course builds on knowledge of characteristics and conditions of exceptionality to develop the ability to plan for developmental exceptionalities in all realms. The role of the caregiver within an inclusive environment and transdisciplinary team is examined, as well as looking at ways to support families in an inclusive environment.

Prerequisites:
- ECDE 219

ECDE 229-210 hours Practicum IV

Prerequisites:
- ECDE 222
- ECDE 223
- ECDE 224
- ECDE 225

ECDE 239-210 hours Practicum for Infant Toddler Specialty
In this course learners have the opportunity to work as a team member in an Infant and Toddler setting. This course will focus on the provision of holistic, developmentally responsive specialty care in response to infant and toddler needs within the community.

Prerequisites:
- ECDE 213
- ECDE 214
- ECDE 222
- ECDE 223

Early Childhood Education - Infant Toddler

ECE 233-210 hours Practicum for Infant Toddler Specialty
In this course learners have the opportunity to work as a team member in an Infant and Toddler setting. This course will focus on the provision of holistic, developmentally responsive specialty care in response to infant and toddler needs within the community.

Early Childhood Education

ECED 131-60 hours Health, Safety and Nutrition
This course provides learners with the knowledge and skills necessary to promote the well-being of children. Illness recognition, prevention, and universal precautions will be explored. The role of nutrition in wellness, development of life-long eating habits, menu-planning, food handling and safety will be addressed. The provision of safe environments as required by licensing standards and 'best practice' will be discussed.

Prerequisites:
- ECED 118

Also offered by Distance Education

ECED 223-60 hours Administration
formerly ECED 214

Students will develop the skills necessary to work effectively as a room supervisor and childcare centre manager. Emphasis will be on needs assessment and budgeting, leadership, relevant legislation, staff development, policy development and marketing, in the context of inclusive environments.

Prerequisites:
- ECED 215

Corequisites:
- ECED 224 and ECED 225 and ECED 226 and ECED 228

Also offered by Distance Education

Economics

For courses numbered 100 or higher, the prerequisite(s) may be waived by the Economics department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

ECON 112-3-3
Introduction to the Canadian Economy
A basic guide to economics, this course deals with a broad range of topics, emphasizing an institutional rather than theoretical approach. This course is often followed by ECON 122 or 124. (3,0,0)
ECON 115-3-3
Principles of Microeconomics
This course is the "micro" half of the standard university-level introductory course in economic institutions and theory. It deals with supply and demand, the analysis of the firm under different market structures, markets for factors of production, and the distribution of income.

CGA credit - Also offered by Distance Education
(3,0,0)

Also offered by Distance Education

ECON 122-3-3
Introduction to Economic History and Thought
A study of the evolution of economic society and its problems, with special attention to the theories of the great economic philosophers past and present. (3,0,0)

ECON 124-3-3
Canadian Economic Issues
A study and analysis of economic problems in Canada. Course content includes local, regional and national issues with special emphasis on current problems. (2,0,1)

Prerequisites:
• ECON 112 or ECON 115 or ECON 125

ECON 125-3-3
Principles of Macroeconomics
This course is the "macro" half of the standard university-level introduction to economic institutions and theory. It deals with national income theory, money and banking, fiscal and monetary policies and international trade, with an emphasis on the Canadian economy and its problems.

CGA credit. Also offered by Distance Education.
(3,0,0)

Also offered by Distance Education

ECON 201-3-3
Intermediate Microeconomic Analysis
This is a micro-theory course at the post-principles level. It deals with income and employment theory, monetary and fiscal policies, the impact of international trade and finance on the domestic economy, economic growth and fluctuations. (3,0,0)

Prerequisites:
• ECON 125

ECON 205-3-3
Managerial Economics
This course provides students with the economic skills most important to those concerned with business decisions. As such, the course will equip students with a basic understanding of firm and industry behaviour by addressing issues such as pricing and output determination, profit maximization, competition, uncertainty and risk. "Real world" examples will illustrate the theory. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 210-3-3
Women and the Economy
This course focuses on economic issues of particular relevance to women. Topics discussed will include women's participation in the labour force, male-female education and income differences, discrimination, feminization of poverty, empowerment of women in developing countries, and women's role in home production and child-rearing. This course is also offered as WMST 211. Students with credit for WMST 211 cannot take ECON 210 for further credit. (3,0,0)

Prerequisites:
• second-year standing

ECON 220-3-3
Competitiveness in the Canadian Economy
This course presents an introduction to the modern economic debate around the concept of competitiveness. The course focuses on where Canadian economic competitiveness lies, and on what industrial policies and strategies Canada should follow across important sectors of the economy (basic manufacturing, high technology manufacturing, service industries, agriculture, resource-based industries.) (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 231-3-3
Introduction to Behavioural Economics
Behavioral economics examines traditional economic decision making and practices, but with additional
focus on the relevance of psychological and social phenomena. From the discipline perspective of Economics, this course identifies the psychological assumptions behind traditional economic theories and economic models, and then challenges those assumptions in the light of competing data on human thought and behavior. This course offers critical examination of traditional economic theories' assumptions of generalized rational decision-making. (3,0,0)

Prerequisites:
• ECON 115
• PSYC 111 or PSYC 121 are recommended.

ECON 232-3-3
History of Economic Thought
This course covers the evolution of economic thinking from ancient to present times. The Greek, Islamic and Medieval scholars; the Physiocrats, Adam Smith, Malthus, Bentham, Ricardo, Mill, Marx and Keynes, and other major economic thinkers will be studied. The development of fundamental economic ideas and conflicting perspectives are studied within their social and economic context. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 251-3-3
Economic Data: Prediction, Analysis and Presentation
This course will provide an overview of the data economy and econometrics— the application of economic models using data to test hypotheses. We will learn about the data economy and how it may impact the future of economies, review and apply analysis and prediction techniques using economic models and data and learn how to display information for effective decision making. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 257-3-3
Topics in International Economic Policy
Selected topics in international trade and international finance. Emphasis is on current policy issues with examples drawn from experiences in Canada, other industrialized nations and developing economies. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 260-3-3
Poverty and Inequality
The focus of this course is on the economic analysis of poverty and inequality both in Canada and in other countries. The course starts with the issue of how poverty and inequality are measured and defined. It then moves into an analysis of the demographics of poverty and inequality. In particular it focuses on the distribution of poverty by age, sex and region in Canada. Finally, the course focuses on the public policy issues of welfare, workfare and social assistance in general. No background in economics is assumed. (3,0,0)

Also offered by Distance Education

ECON 261-3-3
Economics of Developing Countries
This course introduces students to economic conditions in less developed countries. The first part of the course provides students with information on what constitutes underdevelopment and looks at various theories that attempt to explain why some countries are less developed than others. Internal and external economic policies useful in changing the economic performance of these countries are explored. No background in economics is assumed. (3,0,0)

ECON 271-3-3
Environmental and Natural Resource Economics
This course provides a basic introduction to the economic analysis of the environment and natural resources. Special attention will be paid to public policy. (3,0,0)

Prerequisites:
• ECON 115

Also offered by Distance Education

ECON 295-3-3
Special Topics in Economics
This course examines selected topics in Economics at the post-principles level that are of interest to students and in line with professors’ research interests. Topics deal with current events and practical applications of Economics and are aimed to equip students with the knowledge and skills required in the current and future labour market. Consult with the Department for current offerings. (3,0,0)

Prerequisites:
• Second year standing and permission of Department

ECON 335-3-3
The Economics of Social Issues
Designed for students with little or no prior background in economics, this course surveys the applications of economic concepts and methodologies in the analyses of contemporary social issues such as poverty, global warming, crime, discrimination, taxation and free trade. (3,0,0)

ECON 352-3-3
Money and Banking
This course offers a broad perspective of the Canadian financial system, analyzing the interaction between the main participants, namely financial intermediaries, households, firms, and government. Topics include the operational and practical aspects of commercial banking and the central bank, structure of interest rates, monetary policy and financial market regulations. Additionally, the causes and consequences of contemporary financial crises are analyzed. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125

ECON 356-3-3
Competitiveness in the Global Economy
This course discusses competitiveness in the international economy, with an emphasis on the major economies in North America, Europe and East Asia. Topics include the determinants of competitiveness in nations and corporations, industrial and strategic trade policies of governments, the importance of high-technology industries, and the role of multinational corporations. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125
• third-year standing

ECON 357-3-3
International Economics
This course is an introduction to international trade and finance, with an emphasis on international economic policy. Topics include the determinants of trade, balance of payments, and selected policy issues such as tariff and non-tariff barriers to trade, trade disputes, trade liberalization, trade and development, capital mobility, political economy of protectionism and exchange rate policy. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125
• third-year standing

ECON 362-3-3
Labour Economics
This course is an introduction to the theory and practice of contemporary labour economics. In particular, it analyses the various dimensions of labour supply and demand and their interaction to determine wages, employment and unemployment. Within this context topics such as household production, efficiency wages, education, discrimination and union behaviour will be studied. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125
• third-year standing

ECON 370-3-3
Economic Development
This course examines economic development in third-world countries. The importance of resources, financial institutions, government action and regional differences to problems of industrialization will be investigated in light of theories of economic development. (3,0,0)

Prerequisites:
• ECON 115
• ECON 125
• third-year standing

ECON 395-3-3
Special Topics in Economic
This course examines selected topics in Economics at a specialized level that are of interest to students and in line with professors' research interests. Topics deal with current events and practical applications of Economics and are aimed to equip students with the knowledge and skills required in the current and future labour market. Consult with the Department for current offerings. (3,0,0)

Prerequisites:
• Third year standing and permission of the Department.

Education and Career Planning
EDCP 012-80 hours
Education and Career Planning
The goal of Education and Career Planning is to enhance the life and employment readiness skills of adult learners. Students will be prepared to pursue occupational and educational goals in a changing and diverse world. The topics include career exploration, communication skills, personal awareness, living skills, job search, interpersonal skills, and career management.
Corequisites:
• ABE ENGL 080
• ABE MATH 070

Experiential Education Facilitator

Earth and Environmental Sciences

Prerequisites may be waived by the Geography department. See prerequisite waiver.

EESC 101-3-6
Environmental Science
The course introduces students to the science behind important environmental problems. Students will learn environmental science theory and the quantitative basis for the evaluation of the environment. Students will learn practical application of this theory in laboratories. (3,3,0)

EESC 111-3-6
Earth and Environmental Science
formerly GEOL 111
Following an introduction to the minerals composing igneous, metamorphic and sedimentary rocks this course explores how planet Earth works. Processes operating in and on the Earth, oceans and atmosphere are examined. These processes are related to resource and environmental issues. There is an optional half-day field trip that students are encouraged to attend. (3,3,0)

EESC 121-3-6
Natural History of the Earth
formerly GEOL 121
This course is a survey of the evolution of the Earth, its oceans, atmosphere and life, beginning with the origin of the universe and ending with the ice age and human evolution. Methods of studying Earth history, dating methods and organic evolution are surveyed. (3,3,0)

EESC 200-3-5
Mineralogy
formerly GEOL 200
Introduction to the physical and chemical properties of common rock-forming minerals and crystallography. The course surveys mineral associations, resources and the environmental implications of minerals. (2,3,0)

EESC 201-3-5
Optical Mineralogy and Petrology
Study of the common rock-forming minerals in igneous and metamorphic rocks using the polarizing microscope. The student is introduced to the use of minerals and rock textures as a means of determining the origin of rocks. (2,3,0)

Prerequisites:
• recommended: EESC 200

EESC 205-3-6
Geographical Hydrology
This course is a study of the terrestrial hydrological cycle and water balance at site, watershed and larger regional scales. The movement and storage of surface water in its various phases through the hydrological cycle and the energy associated with these processes will be examined. Course content will focus on snow cover, glacier ice, ground ice, streams and lakes and their physical, ecological and socioeconomic importance. Definition of hydrological resources, hazards and human impacts in the context of human perception of the environment are covered. Labs and local field work will introduce students to relevant techniques and reinforce concepts introduced in the lectures. This course is also offered as GEOG 205. Students with credit for GEOG 205 cannot take EESC 205 for further credit. (3,3,0)

Prerequisites:
• GEOG 111 or GEOG 121 or EESC 111 or WET 111 or WQT 111 or second-year standing in the Associate of Science.

EESC 206-3-6
Introduction to Soil Science
Learners acquire knowledge of fundamental physical, chemical and biological properties and processes as well as soil formation processes, classification, description, survey, mapping and environment issues. Applications of soil science will be discussed related to forest management, agriculture, viticulture and environmental management. This course is also offered as GEOG 206. Students with credit for GEOG 206 cannot take EESC 206 for further credit. (3,3,0)

Prerequisites:
• EESC 101 or EESC 111 or GEOG 111 or GEOG 121 or 3 credits of 100 level lab science as listed for the Associate of Arts degree requirements.

EESC 212-3-6
Weather and Climate
This course covers the applications of systems theory in the study of weather and climate. Themes include: analysis of factors controlling climates from macro to micro scales; general circulation of the atmosphere; weather systems and forecasting; climate change;
climate classification; and methods of collecting and analyzing climate data. This course is also offered as GEOG 212. Students with credit for GEOG 212 cannot take EESC 212 for further credit. (3,3,0)

Prerequisites:
• GEOG 111 or GEOG 121 or EESC 111 or WET 111 or WQT 111 or second-year standing in the Associate of Science.

EESC 213-3-3
Introductory Forest Science and Management
This course covers topics such as global forests, classification, silviculture, forest tenure systems, forest policy evolution, forest regulations and the profession. Other topics may include eco-forestry, sustainable forest management, certification, the role of information technologies and research. (3,0,0)

Prerequisites:
• EESC 111 or GEOG 111 or EESC 101

EESC 220-3-3
Environmental Physics
This course examines contemporary environmental issues, focussing on the physics of climate modification, ozone depletion, energy sources for electrical generation, energy storage, energy conservation strategies, transportation, pollutant transport, non-ionizing radiation, risk analysis, and other current topics of interest. This course is also offered as PHYS 220. Students with credit for PHYS 220 or BIOL 290 cannot take EESC 220 for further credit. (3,0,0)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 122
• second-year standing
• a first-year course(s) in BIOL, CHEM, EESC, and/or GEOG would be useful but is (are) not required.

1 minimum grade of 60 required

EESC 222-3-6
Geomorphology
This course studies the origin, nature and distribution of landforms and landform assemblages. Historical development of the major concepts in geomorphology will be covered. Structure, process, stage, equilibrium and thresholds as landform controls are included. Emphasis will be on landforms resulting from fluvial and glacial processes, using local and international examples. Labs and field work will introduce students to relevant techniques and reinforce the concepts learned in the lectures. This course is also offered as GEOG 222. Students with credit for GEOG 222 cannot take EESC 222 for further credit. (3,3,0)

Prerequisites:
• GEOG 121 or EESC 111 or second-year standing in the Associate of Science.

EESC 250-3-3
Exploration Geophysics
This course includes instrumentation, application and limitations of gravity, magnetic, electromagnetic, electrical, acoustic and seismic methods in the exploration for mineral and energy resources and in engineering applications; survey navigation. This course is also offered as GEOP 250. Students with credit for GEOP 250 cannot take EESC 250 for further credit. (3,0,0)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 122
• second-year standing
• a first-year course in EESC and/or GEOG would be useful but is not required

1 minimum grade of 60 required

EESC 311-3-3
Environment Impact Assessment
This course examines the principles, methods, and applications of environmental impact assessment. It promotes an understanding of how environmental impact assessment is carried out and emphasizes the value of impact assessment in the decision-making processes. (3,0,0)

Prerequisites:
• Either (a) 6 credits of EESC 200-level, or (b) 6 credits of GEOG 200-level, or (c) department approval.

Auto Body
Auto Paint & Refinishing
Auto Collision/Refinishing
Carpentry
ELCA 101-53 hours
Safe Work Practices
ELCA 102-30 hours
Trades Mathematics
Carpentry/Log Builder

Carpentry

Electrician

ELEC 101-60 hours
Trades Math
This competency introduces students to basic mathematic principles and trigonometry that are required for success in the electrical trade.

ELEC 102-72 hours
Trades Science Concepts
This competency introduces students to the basic electrical concepts that will be explored more in depth elsewhere in the foundations program. Students will be introduced to both DC and AC power. Students will be able to describe principals of electromagnetism and solve problems involving magnetic circuits that are essential for other components of the electrical trade.

ELEC 103-36 hours
Safe Work Practices
This competency introduces students to using Personal Protective Equipment (PPE) and safety equipment. Students will learn how to maintain a safe work environment, perform lock out and tag-out procedures. Students will be able to demonstrate safe execution of practical assignments.

ELEC 104-18 hours
Rigging & Hoisting Equipment
This competency introduces students to rigging and hoisting equipment. Students will be able to erect, tear down and work safely on elevated platforms and ladders.

ELEC 105-18 hours
Hand Tools
This competency introduces students to hand tools commonly used in the electrical trade. Students will be able to demonstrate proper tool use with practical assignments.

ELEC 106-18 hours
Portable Power Tools
This competency introduces students to power tools used in the electrical trade. Student will be able to demonstrate proper tool use with practical assignments.

ELEC 107-90 hours
Principles of Electricity
This competency introduces students to the operating principles of electrical circuits. Students will be able to...
analyze electrical circuits. Students will be able to demonstrate understanding of circuits using practical assignments.

ELEC 108-90 hours
Electrical Circuits
This competency introduces students to voice, data, video systems and branch circuit wiring. Students will be able to assemble and test electrical circuits.

ELEC 109-60 hours
Conductors & Raceways
This competency introduces students to installing and maintaining raceways, cables, fittings and enclosures. Students will be able to identify and determine conductor, cable, raceways, fitting and enclosure requirements. Students will be able to demonstrate conductor and raceway installation using appropriate fitting and enclosures.

ELEC 110-30 hours
Test Equipment
This competency introduces students to measuring a testing equipment. Students will be able to describe, measure and interpret electrical measurements. Students will be able to use and maintain electrical meters.

ELEC 111-60 hours
Controls and Lighting
This competency introduces students to installing and maintaining controls and lighting. Students will be able to describe types of lighting standards and their installation with all associated controls.

ELEC 112-18 hours
Prints & Drawings
This competency introduces students to identify symbols, describe conventions and use diagrams to convey information. Students will be able to use residential prints, drawing and specifications to locate and identify information.

ELEC 113-60 hours
Canadian Electrical Code
This competency introduces students to the purpose, arrangement and use of the Canadian Electrical Code. Student will be able to find pertinent code rules and apply them to practical assignments.

ELEC 114-30 hours
Solid State Devices
This competency introduces students to electronic circuits. Students will be able to describe operating principals and analyze electronic circuits.

ELEC 115-60 hours
Level One Technical Exam
This course will review all materials necessary to write the 1st year Electrical Final Exam. Students will write the 1st year Electrical Final Exam

Electronic Engineering Technology

Prerequisites may be waived by the Electronic Engineering Technology department. See prerequisite waiver.

ELEN 110-3-6
Computer Fluency
This course is an introduction to computer skills. Topics include operating systems, electronic communication, websites, networking, document creation and editing, web programming, data analysis using spreadsheets/databases and collaboration tools and concepts (Information representation, abstraction, algorithmic thinking, processing and summarization). Learners will develop life-long productivity skills and understanding of engineering tools for technologists. Skills, theory and techniques will be re-enforced through lab work. (3,3,0)

ELEN 115-3-5.5
Computer Components and Peripherals
This course is an introduction to the technologies and terminologies of PC computer and Operating Systems. Computer components and their interactions are examined as well as the configuration and management of a workstation operating system. Special emphasis is given to PC components, peripheral data storage, disk management, file systems, boot process, operating system configuration and basic scripting. (3,2.5,0)

Prerequisites:
• admission to the Electronic Engineering Technology program

ELEN 116-3-5.5
Programming and Interfacing
This course provides the basic skills, and concepts required to design, write and compile computer programs. Software topics include arithmetic and logic operations, variable and constant data, functions, input and output (I/O), the preprocessor, arrays, structures, unions, pointers and standard library functions. Learners will diagnose, specify, select, and design computer programs using appropriate coding and debugging environments. Course learning outcomes are re-enforced using practical lab applications. (3,2.5,0)

Prerequisites:
• ELEN 126

ELEN 126-3-6
Digital Electronics
This is an introductory course to digital electronics and circuits. Topics covered include digital concepts, number systems and codes, logic gates, latches, flip-flops, combinational and sequential logic analysis and applications. Learners will diagnose, specify, select, design, construct, and characterize digital circuits. Course learning outcomes are re-enforced by practical lab sessions. (3,3,0)

Prerequisites:
• admission to Electronic Engineering Technology program

Corequisites:
• ELEN 130

ELEN 130-3-6
Electrical Circuit Analysis I
In this course, learners examine the fundamentals of electricity and magnetism as well as the principles and techniques for analyzing resistive and reactive electrical circuits under DC excitation. Topics include series and parallel circuits, circuit analysis methods, resistors, capacitors, and inductors. Laboratory sessions provide for verification of theory through building and testing of circuits standard components and instruments. (3,3,0)

Prerequisites:
• admission to the Electronic Engineering Technology program

Corequisites:
• MATH 137

ELEN 132-3-4
Fabrication I
An introduction to practical drafting skills used in the electronics industry including sketching, lines, projection drawings and dimensioning. Practice in prototype development, packaging, sheet metal work and fastener selection. A brief introduction to the residential wiring code. Proper use of tools and safe working practices are emphasized.

Note: $100 of the additional $150 levy is used for the ELEN 132 and 142 project. (2,2,0)

ELEN 136-3-5.5
Introduction to Electronics
This course is an introduction to Electronic Engineering Technology, the role of technologists, the tools they will use, and the types of systems they will work with. Topics covered include analyzing various electronic systems and circuits, AC and DC power, time and frequency domain, discrete and integrated devices. Lab projects provide experience in construction, testing and troubleshooting of basic circuits. (3,2.5,0)

Corequisites:
• ELEN 130

ELEN 140-3-5.5
Electrical Circuits II
In this introductory electrical circuits course, learners analyze, evaluate, and characterize resistive and reactive electrical circuits under alternating current (AC) excitation. Topics include AC signals, impedance, power, circuit analysis techniques, resonance, filters, and transformers. Laboratory sessions provide for verification of theory through building and testing of circuits using standard components and instruments. (3,2.5,0)

Prerequisites:
• ELEN 130
• MATH 137

ELEN 142-3-5.5
Fabrication I
This is an introductory course to computer-aided design. Topics covered include drawing of block diagrams, schematic diagrams, circuit board layouts and wiring diagrams. Learners will practice drafting skills used in the electronics industry including sketching, lines, projection drawings, 3D design and dimensioning. Learners will design an electronic project including a PCB and enclosure. (3,2.5,0)

Prerequisites:
• ELEN 130
• MATH 137

ELEN 145-3-5
Communication I
An introduction to communications systems. Topics include the EM spectrum, the communications channel, noise, AM, FM, single sideband, transmitters and receivers, and television systems. (3,2,0)

Corequisites:
• ELEN 146

ELEN 146-3-5.5
Electronic Devices and Circuits I
In this introductory electronic circuits and devices course learners will diagnose, specify, select, design and construct circuits containing electronic devices. Topics include semiconductor materials, diodes, general amplifier theory, bipolar junction transistors (BJTs), and field effect transistors (FETs). Learners will analyze, characterize, and design circuits such as amplifiers, voltage regulators, switches, and current sources. Laboratory sessions provide learners with an opportunity to verify electronic circuit theory by building and testing circuits using standard components and instruments. (3,2.5,0)
Prerequisites:
- ELEN 130

Corequisites:
- ELEN 140

**ELEN 152-3-30**  
**Fabrication II**  
In this course, learners will perform the soldering, assembly and wiring of an electronic board. Topics include high reliability soldering techniques, IPC soldering standards, thermal management, component selection, board assembly, board testing, wiring harness construction, prototype development, packaging, sheet metal work and fastener selection. Proper use of tools and safe working practices are emphasized. Learners will assemble and build an electronic project designed in Fabrication I. (10,20,0)

Prerequisites:
- ELEN 142

**ELEN 153-3-5.5**  
**Fundamentals of the Internet of Things**  
This course is an introduction to fundamental concepts and technologies used in the Internet of Things (IoT). Topics include limitations, applications and deployment of IoT systems, edge device architectures, protocols and applications, sensor basics and data gathering, gateways, storage and visualization. Learners will explore the involved interconnection of IoT concepts from network edge through data storage and analysis. IoT data transport protocols, data storage solutions and visualization techniques will be introduced. Learners will compare and utilize existing enterprise IoT solutions as potential platforms in addition to understanding and designing edge devices. Emphasis is placed on building and utilizing an edge to storage solution, enabling data collection. Learning will be re-enforced through practical application with lab work. (3,2.5,0)

Prerequisites:
- ELEN 110  
- ELEN 116

**ELEN 213-3-5**  
**Engineering Project Management**  
This course examines and utilizes tools and techniques to complete projects successfully under project constraints. Topics include project lifecycle, stakeholder analysis, scope and charter development, requirements gathering, ethical considerations and professional standards, project planning an initialization, recourse planning, budgeting, quality planning, communications, procurements, Program Evaluation and Review Technique (PERR), Critical Path Methods (CPM), and project management software. Learners will utilize project management techniques to analyze and develop project requirements, develop a timeline and budget for an electronic design project. Skills, theory and techniques will be re-enforced through lab work. (3,2,0)

Prerequisites:
- ELEN 110  
- CMNS 133

**ELEN 215-3-5**  
**Computer Systems II**  
This course is a continuation of ELEN 115. Topics covered include networking, web page design, data communications, and web based data acquisition and control. (2,3,0)

Prerequisites:
- ELEN 115

**ELEN 216-3-6**  
**Microcontroller Technology**  
This course deals with the architecture, programming, and interfacing of microcontrollers. Topics include microcontroller architecture, memory, input/output, interrupts, counters, timers, parallel and serial communications. Interface projects will be written in assembly and C and include switches, LEDs, A/D, D/A, LCD, keypad interfacing, serial communication utilizing RS232 and RS485. Learners will diagnose, specify, select, design, and construct, micro-controller based systems. Course learning outcomes are re-enforced by practical lab sessions. (3,3,0)

Prerequisites:
- ELEN 116  
- ELEN 126

**ELEN 226-3-6**  
**Embedded Systems**  
This course deals with microcontroller-based embedded systems and hardware/software co-design. Topics include interrupt based programming, DC motor control, temperature sensors acquisition, external EEPROM, real-time clock, Inter Integrated Circuits (I2C), Serial Peripheral Interface (SPI) and 1-Wire serial interfacing. Learners will diagnose, specify, design, and construct, micro-controller based systems. Course learning outcomes are re-enforced by practical lab sessions. (3,3,0)

Prerequisites:
- ELEN 216

**ELEN 227-6-8**  
**Project and Report**  
This course is a continuation of Engineering Project Management. In this course, learners will execute
their project plan and manage an electronic design project from concept to completion. The course will conclude with demonstration of a working prototype based on defined requirements, scope and budget. Learners will produce a formal written report and give an oral presentation based on specific project work. (1,7,0)

Prerequisites:
• ELEN 213
• ELEN 256
• ELEN 240
• ELEN 152

Corequisites:
• ELEN 226

ELEN 236-3-5
Electronic Technology I
An introductory course in electronics for Mechanical Engineering Technology students. Topics covered will include electrical laws and theorems; magnetic and electromagnetic field concepts; AC theory; transformers; three-phase AC circuits; DC motors, generators and controls; batteries; analog and digital circuit devices; and industrial control circuits. (3,2,0)

Prerequisites:
• MECH 136

ELEN 240-3-6
Fundamentals of Communication Systems
This course is an introduction to the fundamental of communication systems with focus on analog transmissions. Topics include the EM spectrum, communications channel, sources of noise, passive filters and resonant systems, AM, FM, SSB, DSB, and RF transmitters and receivers. Learners will gain a fundamental understanding of communications principles, utilizing mathematics to design, characterize and assess different aspects of communication systems. Skills, theory, and techniques will be re-enforced through lab work. (3,3,0)

Prerequisites:
• ELEN 140
• ELEN 146

ELEN 246-3-5
Electronic Technology II
This course follows ELEN 236, covering topics in analog and digital electronic circuits; industrial electronic control devices and circuits; DC electrical machine applications; three-phase induction motor applications, synchronous machine applications; stepper motor applications; programmable controllers; and transducers. (3,2,0)

Prerequisites:
• ELEN 213

ELEN 250-3-5.5
Analog Communication Systems
This course is a continuation of the study of communication systems with a focus on radio frequency (RF) transmission and reception systems. Topics include transmission lines, antenna modeling and design, electromagnetic wave propagation, link budgets, RF filter and circuit design, RF amplifier design and characterization, and the analysis and understanding of super high frequency and optical systems. Learners will expand their understanding of communications principles, utilizing mathematics to design, characterize and assess different systems. Skills, theory and techniques will be re-enforced through lab work. (3,2.5,0)

Prerequisites:
• ELEN 240
• MATH 257

ELEN 251-3-5.5
Digital Communication Systems
This course is a continuation of the study of communication systems with a focus on digital modulation and signaling techniques. Topics include the encoding and decoding of digital data on the communications channel, multiplexing and demultiplexing of data, and principles of digital transmission. Learners will expand their understanding of communications principles, utilizing mathematics to design, characterize and assess different systems. Skills, theory and techniques will be re-enforced through lab work. (3,2.5,0)

Prerequisites:
• ELEN 240
• MATH 257

ELEN 254-3-5.5
Analog and Digital Systems I
Practical application of both analog and digital circuits studied in previous and concurrent courses. Systems studied include AM and FM transmitters and receivers, switch mode power supplies, Microprocessors and their peripherals. Troubleshooting, repair maintenance and calibration procedures are emphasized. (3,2.5,0)

Prerequisites:
• ELEN 145
• ELEN 146

ELEN 256-3-6
Electronic Devices and Circuits II
In this course, learners examine advanced analog
circuits with an emphasis on analog signal processing and data acquisition. Major topics include classes of negative feedback, nonideal operational amplifiers, active filters, and data acquisition principles. Learners focus on analysis and design of systems for filtering/processing analog signals and capturing signals in digital form. Laboratory sessions provide learners with an opportunity to verify circuit theory by building and testing circuits using standard components and instruments. (3,3,0)

Prerequisites:
- ELEN 146
- ELEN 140

**ELEN 263-3-6 Control Systems and Automation**
In this course, learners examine the fundamental techniques and elements of closed-loop feedback control systems. Topics include sensors and actuators, control system modeling and responses, servomechanisms, and programmable logic controllers (PLCs). Learners analyze and model real work systems in both open loop and closed loop configurations which focusing on characterization of control system performance and response. Laboratory sessions provide learners with an opportunity to verify electronic circuit theory by building and testing circuits using standard components and instruments. (3,3,0)

Corequisites:
- MATH 257
- ELEN 256

**ELEN 264-3-5.5 Analog and Digital Systems II**
This course focuses on the practical aspects and applications of analog and digital circuits and systems. Topics covered include PLC (Programmable Logic Controller) programming, control of AC (Alternating Current) power, device limits, heat sinking, component selection, power supplies, motors, and PSoC (Programmable System on Chip) Microcontrollers. (3,2.5,0)

Prerequisites:
- ELEN 254

Corequisites:
- ELEN 226

**ELEN 265-3-6 Communications II**
This course covers the theory and lab work associated with transmission lines, antennas, electromagnetic wave propagation, rf circuit design and analysis, digital modulation, telephony, embedded wireless solutions, microwave and fiber optics. (4,2,0)

Prerequisites:
- ELEN 145

**ELEN 273-3-5.5 Applications of the Industrial Internet of Things**
This course continues the topics of data communications and automation with a focus on the design, deployment and testing of networked industrial systems. Topics include PLC programming and inter-networking of devices, analysis and application of motors and advanced sensors, understanding and assessing industrial safety and design requirements, HMI design, deploying system infrastructure, systems integration, convergence and acceptance testing. Learners will expand their understanding of the industrial internet of things including testing, designing, commissioning, and maintenance of industrial instrumentation and data communications networks, equipment, media, and software. Skills and techniques will be re-enforced through lab work and directed project. (3,2.5,0)

Prerequisites:
- ELEN 153
- ELEN 263

**Heavy Duty/Commercial Transport**

**ELHD EX-6 hours Module One Final Exam**

**Joinery**

**Automotive Service Technician**

**ELMC 101A-10 hours Describe Safe Work Practices**
This course introduces students to safety practices that are required in automotive shop environments.

**ELMC 101B-20 hours Describe Safe Work Practices**
In this course students will use and demonstrate safety practices.

**ELMC 102A-16 hours Describe Employability Skills**
This course introduces students to employability skills that are required in an automotive shop.

**ELMC 102B-8 hours Describe Employability Skills**
In this course students will use and demonstrate employability skills.

**ELMC 103A-25 hours**  
**Use Tools and Equipment**  
This course introduces students to tools and equipment that are found and used in an automotive shop environment.

**ELMC 103B-65 hours**  
**Use Tools and Equipment**  
In this course students will operate tools and equipment that are found in an automotive shop environment.

**ELMC 104A-46 hours**  
**Demonstrate General Automotive Maintenance**  
This course will introduce students to the general automotive maintenance that they will be required to perform as apprentices.

**ELMC 104B-116 hours**  
**Demonstrate General Automotive Maintenance**  
In this course students will be required to perform general automotive maintenance.

**ELMC 105A-50 hours**  
**Demonstrate General Automotive Practices**  
This course will introduce students to the general automotive practices that they will be required to perform as apprentices.

**ELMC 105B-40 hours**  
**Demonstrate General Automotive Practices**  
In this course students will be required to perform general automotive practices.

**ELMC 106A-43 hours**  
**Service Brakes**  
This course will introduce students to the fundamentals of braking systems and brake system troubleshooting and repair procedures.

**ELMC 106B-95 hours**  
**Service Brakes**  
In this course students will service, troubleshoot and repair brake systems.

**ELMC 107A-39 hours**  
**Service Steering Systems**  
The course will introduce students to the fundamentals of steering systems and steering system troubleshooting and repair procedures.

**ELMC 107B-105 hours**  
**Service Steering Systems**  
In this course students will service, troubleshoot and repair steering systems.

**ELMC 108A-34 hours**  
**Service Suspension Systems**  
This course will introduce students to the fundamentals of suspension systems and suspension troubleshooting and repair procedures.

**ELMC 108B-50 hours**  
**Service Suspension Systems**  
In this course students will service, troubleshoot and repair suspension systems.

**ELMC 109A-60 hours**  
**Service Electrical/Electronic Systems**  
This course will introduce the student to the principles of electricity and electronics and the different electrical circuits in automotive vehicles.

**ELMC 109B-72 hours**  
**Service Electrical/Electronic Systems**  
In this course students will demonstrate the principles of electricity and electronics and describe the operation of electrical circuits in automotive vehicles.

**ELMC 110A-6 hours**  
**First Level Final Exam**  
In this course students will write the first-year apprentice automotive service technician exam.

**English as a Second Language**

**ELRW 010-140 hours**  
**English Language Reading and Writing Level 1**  
This course focuses on basic skills for reading and writing in English. Through a variety of everyday and familiar reading and writing activities, students will learn vocabulary, grammar, and organizational skills to reach the reading and writing outcomes for Canadian Language Benchmark Level 3. Individual tutorial sessions with the instructor will encourage the students to be critical readers of their own writing.

**Prerequisites:**
- Students will place at EL level 1 with an overall placement at Level 1 OCELAL, or an overall IELTS less than 3.5, or a Duolingo score of less than 45.

**ELRW 020-140 hours**  
**English Language Reading and Writing 2**  
This is a beginner level reading and writing course. Students develop their literacy skills by reading about familiar and popular topics and by writing the range of 125-250 words on everyday experience. Self-paced activities develop learners own level of literacy. Skill development helps students reach writing outcomes for Canadian Language Benchmark Level 4. Note: Completion of ELRW 020 is equivalent to completion of both ELR 020 and ELW 020.
Prerequisites:
• ELRW 010\(^1\)
  or by meeting the admission requirements for EL level 2.

\(^1\) minimum grade of 65 required

**ELRW 030-140 hours**
*English language Reading and Writing 3*
This is a high-beginner level reading and writing course. Students continue to develop their literacy skills by reading about familiar and popular topics and by writing in the range of 250-500 words on everyday experiences. Self-paced activities develop learners' own level of literacy. Skill development helps students reach the writing outcomes for Canadian Language Benchmark Level 5. Note: Completion of ELRW 030 is equivalent to completion of both ELR 030 and ELW 030.

Prerequisites:
• ELRW 020\(^1\)
  or ELR 020\(^1\) and ELW 020\(^1\); and ELLS 010\(^1\)
  or by meeting the admission requirements for EL level 3.

\(^1\) minimum grade of 65 required

**ELRW 040-140 hours**
*English Language Reading and Writing 4*
This is a low-intermediate level reading and writing course. Students continue to develop their literacy skills by reading about common and popular topics and by writing in the range of 500-750 words on familiar experiences. Self-paced activities develop learners' own level of literacy. Skill development helps students reach the writing outcomes for Canadian Language Benchmark Level 6. Note: Completion of ELRW 040 is equivalent to completion of both ELR 040 and ELW 040.

Prerequisites:
• ELRW 030\(^1\)
  or ELR 030\(^1\) and ELW 030\(^1\); and ELLS 020\(^1\)
  or by meeting the admission requirements for EL level 4.

\(^1\) minimum grade of 65 required

**English**

For courses numbered 100 or higher, the prerequisite(s) may be waived by the English department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

**ENGL 040-200 hours**
*English 040*

Prerequisites:
• Admission Interview

**ENGL 041-100 hours**
*English 041*

Prerequisites:
• Admission Interview

**ENGL 042-100 hours**
*English 042*

Prerequisites:
• Admission Interview

**ENGL 050-200 hours**
*English 050*

English 050 is for students who wish to improve their functional literacy. In reading, the focus is on vocabulary, "word attack", decoding skills, pre/post reading strategies, and critical thinking skills. Reading content includes current events. In writing, the emphasis is on complete sentences, verb tenses, organizing ideas, paragraph format and word processing. Students explore lifelong learning strategies.

Prerequisites:
• ABE ENGL 040\(^1\) or ABE ENGL 042\(^1\) or ABE ENGL 051\(^1\) or ABE ENGL 052\(^1\) or an admission interview

\(^1\) minimum grade of 60 required

**ENGL 051-100 hours**
*English 051*

English 051 is for students who wish to improve their functional literacy. In reading, the focus is on vocabulary, "word attack", decoding skills, pre/post reading strategies, and critical thinking skills. Reading content includes current events. In writing, the emphasis is on complete sentences, verb tenses, organizing ideas, paragraph format and word processing. Students explore lifelong learning strategies. Note: Completion of ENGL 051 and 052 is equivalent to ENGL 050.

Prerequisites:
• ABE ENGL 040\(^1\) or ABE ENGL 042\(^1\) or ABE ENGL 050\(^1\) or an admission interview
ENGL 052-100 hours
English 052
English 052 is for students who wish to improve their functional literacy. In reading, the focus is on vocabulary, "word attack", decoding skills, pre/post reading strategies, and critical thinking skills. Reading content includes current events. In writing, the emphasis is on complete sentences, verb tenses, organizing ideas, paragraph format and word processing. Students explore lifelong learning strategies. Note: Completion of ENGL 051 and 052 is equivalent to ENGL 050.

Prerequisites:
- ABE ENGL 050\(^1\) or ABE ENGL 051\(^1\) or an admission interview

ENGL 060-160 hours
English 060
English 060 is designed to improve comprehension, composition and critical thinking skills. In reading, the focus is on fluency, longer text, independent reading, and reading strategies. In writing, the focus is on the writing process, simple, compound and complex sentences; descriptive, narrative and expository paragraphs. Computer skills include keyboarding, printing and using search engines. Learning skills include self-management, test taking, and self-awareness., "word attack", decoding skills, pre/post reading strategies, and critical thinking skills. Reading content includes current events. In writing, the emphasis is on complete sentences, verb tenses, organizing ideas, paragraph format and word processing. Students explore lifelong learning strategies.

Prerequisites:
- ABE ENGL 050\(^1\) or ABE ENGL 052\(^1\) or ABE ENGL 060\(^1\)
  or a minimum ABLE test score of 47/80 and an admission interview

ENGL 070-160 hours
English 070
This course develops communication skills necessary for career, academic and personal purposes. Fiction and nonfiction reading materials and a variety of media are used to develop comprehension and critical thinking skills. Writing assignments include paragraphs, summaries, reports, letters and essays. The elements of grammar are introduced as a means to improve writing. Cooperative learning, oral communication skills and study skills are practiced. Computer skills are introduced as resources allow.

Prerequisites:
- ABE ENGL 060¹
  or ABE ENGL 061¹ and ABE ENGL 062¹
  or ABE ENGL 071¹
  or ABE ENGL 072¹
  or a minimum ABLE test score of 56/80 and an Intermediate Level writing sample

¹ minimum grade of 60 required

ENGL 071-80 hours
English 071
This course is designed to develop communication skills necessary for career, academic and personal purposes. Fiction and non-fiction reading materials and a variety of media are used to develop comprehension and critical thinking skills. Writing assignments include paragraphs, summaries, reports, letters and essays. The elements of grammar are introduced as a means to improve writing. Cooperative learning, oral communication skills and study skills are practised. Computer skills are introduced as resources allow.

Note: ENGL 071 and 072 may be taken in either order.

Prerequisites:
- ABE ENGL 060¹
  or ABE ENGL 061¹ and ABE ENGL 062¹
  or ABE ENGL 071¹
  or ABE ENGL 072¹
  or a minimum ABLE test score of 56/80 and an Intermediate Level writing sample

¹ minimum grade of 60 required

ENGL 072-80 hours
English 072
Completion of ENGL 071 and 072 is the equivalent of ENGL 070.

Note: ENGL 071 and 072 may be taken in either order.

Prerequisites:
- ABE ENGL 060¹
  or ABE ENGL 061¹ and ABE ENGL 062¹
  or ABE ENGL 071¹
  or ABE ENGL 072¹
  or a minimum ABLE test score of 56/80 and an Intermediate Level writing sample

¹ minimum grade of 60 required

ENGL 075-40 hours
Selected Topics in English
Selected topics in English may include, but are not limited to, grammar and sentence structure; business communications; job search skills and resume writing; essay writing; study skills; and college reading skills.

This course may be taken more than once but with a different topic emphasis.

Prerequisites:
- ABE ENGL 060¹
  or ABE ENGL 061¹ and ABE ENGL 062¹
  or ABE ENGL 081¹
  or ABE ENGL 082¹
  or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

¹ minimum grade of 60 required

ENGL 080-160 hours
English 080
This course is designed to further develop communication skills for career, academic and personal purposes. Students will read to comprehend professional and academic material. Literary appreciation is developed through an analysis of selected novels, short stories, and poems. Written composition is a primary component. The elements of English grammar are reviewed. Critical thinking, teamwork, and aural comprehension skills are developed through group and individual activities. Computer skills are introduced as resources allow.

Prerequisites:
- ABE ENGL 070¹
  or ABE ENGL 071¹ and ABE ENGL 072¹
  or ABE ENGL 081¹
  or ABE ENGL 082¹
  or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

¹ minimum grade of 60 required

ENGL 081-80 hours
English 081
This course is designed to further develop communication skills for career, academic and personal purposes. Students will read to comprehend professional and academic material. Literary appreciation is developed through an analysis of selected novels, short stories, and poems. Written composition is a primary component. The elements of English grammar are reviewed. Critical thinking, teamwork, and aural comprehension skills are developed through group and individual activities. Computer skills are introduced as resources allow.

Note: ENGL 081 and 082 may be taken in either order.

Prerequisites:
- ABE ENGL 070¹
  or ABE ENGL 071¹ and ABE ENGL 072¹
  or ABE ENGL 081¹
  or ABE ENGL 082¹
  or a minimum ABLE test score of 68/80 and an Advanced Level writing sample
ENGL 082-80 hours

English 082
Completion of ENGL 081 and 082 is the equivalent of ENGL 080.

Note: ENGL 081 and 082 may be taken in either order.

Prerequisites:
• ABE ENGL 070¹
  or ABE ENGL 071¹ and ABE ENGL 072¹
  or ABE ENGL 081¹
  or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

¹ minimum grade of 60 required

ENGL 085-40 hours

Selected Topics in English
Selected topics in English may include, but are not limited to, grammar and sentence structure; business communications; job search skills and resume writing; essay writing; study skills; and college reading skills. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• ABE ENGL 070¹
  or ABE ENGL 071¹ and ABE ENGL 072¹
  or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

¹ minimum grade of 60 required

ENGL 095-40 hours

Selected Topics in English
Selected topics in English may include, but are not limited to, grammar and sentence structure; business communications; job search skills and resume writing; essay writing; study skills; and college reading skills. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
• ABE ENGL 080¹
  or ABE ENGL 081¹ and ABE ENGL 082¹
  or a minimum ABLE test score minimum ABLE test score of 72/80 and a provincial level writing sample.

¹ minimum grade of 60 required

ENGL 011-80 hours

English 011
Offered by distance education only.

This course develops the student's comprehension and organizational skills in oral and written communication. The concepts of listening, speaking, reading, writing and the study of language are emphasized.

Prerequisites:
• ABE ENGL 070¹
  or ABE ENGL 071¹ and ABE ENGL 072¹
  or ABE ENGL 080¹
  or ABE ENGL 081¹
  or ABE ENGL 082¹
  or a minimum ABLE test score of 68/80 with an Advanced writing sample

¹ minimum grade of 60 required

Also offered by Distance Education

ENGL 012-112 hours

English 012
This course is compulsory for all students in the Provincial Level program. Development of literal, inferential and critical comprehension of various works is emphasized using short stories, novels, drama, poetry and other media. The writing process is emphasized. Assignments include formal essays, literary analyses and research papers. This course prepares students for study at the post-secondary level.

Prerequisites:
• ABE ENGL 011¹
  or ABE COMP 011¹
  or ABE ENGL 080¹
  or ABE ENGL 081¹ and ABE ENGL 082¹
  or Composition 11²
  or English 11²
  or Creative Writing 11²
  or Literary Studies 11²
  or New Media 11²
  or American Sign Language 11²
  or a minimum ABLE test score of 72/80 and a Provincial Level writing sample

¹ minimum grade of 60 required
² minimum score of 60 required

ENGL 100-3-3

University Writing
This course is for students who have demonstrated secondary-school-level competence in the reading and essay writing skills required by most university disciplines. Reading and writing assignments will concentrate on non-fictional prose, and will emphasize the processes of reading, analysis, reasoning, documentation and the stages of the
writing process. Students with credit for ENGL 199 may not take ENGL 100 for further credit. (3,0,0)

Prerequisites:
- ABE ENGL 012¹ or English 12² or English Studies 12² or English 12 First Peoples² or AP English Language & Comp. 12² or Technical Professional Comm 12²
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12; and Language Proficiency Index³
- or mature student status and a score of 24/40 (level 4) or better on the LPI.

¹ minimum grade of 60 required
² minimum score of 60 required
³ minimum score of 24 required

Also offered by Distance Education

ENGL 116-3-3
Introduction to Creative Writing I
An introduction to composition in the genres of poetry, short fiction and the one-act play. Students experiment in each of these genres. By the end of the course, students will have a working knowledge of modern aesthetics, and a fairly objective appreciation of their own "voice" in the context of those aesthetics. (3,0,0)

Prerequisites:
- ABE ENGL 012¹ or English 12² or English Studies 12² or English 12 First Peoples² or AP English Language & Comp. 12² or Technical Professional Comm 12²
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index³
- or mature student status and a score of 24/40 (level 4) or better on the LPI

¹ minimum grade of 60 required
² minimum score of 60 required
³ minimum score of 24 required

ENGL 150-3-3
Critical Writing and Reading: Poetry and Drama
This course is for students who have demonstrated secondary-school-level competence in the reading and essay writing skills required by most university disciplines. Reading and writing assignments will concentrate on poetry and drama, and will emphasize the processes of reading, analysis, reasoning, documentation and the stages of the writing process. (3,0,0)

Prerequisites:
- ENGL 116

ENGL 151-3-3
Critical Writing and Reading: Short Fiction and the Novel
This course is for students who have demonstrated secondary-school-level competence in the reading and essay writing skills required by most university disciplines. Reading and writing assignments will concentrate on short fiction and the novel, and will emphasize the processes of reading, analysis, reasoning, documentation and the stages of the writing process. (3,0,0)

Prerequisites:
- ABE ENGL 012¹ or English 12² or English Studies 12² or English 12 First Peoples² or AP English Language & Comp. 12² or Technical Professional Comm 12²
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12
- or mature student status and a score of 24/40 (level 4) or better on the LPI.

¹ minimum grade of 60 required
² minimum score of 60 required
³ minimum score of 24 required

Also offered by Distance Education
ENGL 153-3-3
Critical Writing and Reading: Narrative
This course is for students who have demonstrated secondary-school-level competence in the reading and essay writing skills required by most university disciplines. Reading and writing assignments will concentrate on a variety of narrative forms including anecdotes, autobiography, biography, diaries, films, histories, myths, narrative poems, novels and songs, and will emphasize the processes of reading, analysis, reasoning, documentation and the stages of the writing process. (3,0,0)

Prerequisites:
• ABE ENGL 0121 or English 122 or English Studies 122 or English 12 First Peoples2 or AP English Language & Comp. 122 or Technical Professional Comm 122
or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index3
or mature student status and a score of 24/40 (level 4) or better on the LPI.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

Also offered by Distance Education

ENGL 160-3-3
Introduction to Film Studies
Formerly FILM 100 An introduction to the critical study of film. The course will provide students with a grounding in the history of film and a range of methods of analyzing cinematic content. Discussions will address film theory, technical and aesthetic aspects of film, the economics of the industry, and the interpretation of film in cultural, social and political contexts. This course is also offered as ENGL 160. Students with credit for FILM 100 or ENGL 160 cannot take this course for further credit. (3,0,0)

ENGL 170-3-4
Applied Publishing Skills
This course provides students with the technical skills necessary to enter the publishing industry. Intensive training in the Adobe Creative Suite of programs (InDesign, Photoshop, Illustrator and Acrobat) prepares students for a wide range of production issues. Students are required to register in a two-hour faculty led computer laboratory. This course is also offered as FINA 170. Students with credit for FINA 170 cannot take ENGL 170 for further credit. (2,2,0)

Prerequisites:
• ABE ENGL 0121 or English 122 or English Studies 122 or English 12 First Peoples2 or AP English Language & Comp. 122 or Technical Professional Comm 122
or ABE ENGL 050 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index3
or mature student status and a score of 24/40 (level 4) or better on the LPI.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

ENGL 199-3-3
Arts Studies in English
This course introduces students to the research culture of post-secondary institutions, with an emphasis on how language, arguments, evidence and even the way questions are posed can differ from one academic field to another. By examining how and why scholars enter into conversation with each other, students will learn how to enter into these discussions themselves through an examination of writing and analysis from at least three disciplines. Students with credit for ENGL 100 may not take ENGL 199 for further credit. (Arts students who plan on transferring to UBC-Vancouver require UBC's ASTU 150, which may be satisfied by successfully completing Okanagan College ENGL 199.) (3,0,0)

Prerequisites:
• ABE ENGL 0121 or English 122 or English Studies 122 or English 12 First Peoples2 or AP English Language & Comp. 122 or Technical Professional Comm 122
or ABE ENGL 050 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index3
or mature student status and a score of 24/40 (level 4) or better on the LPI.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

ENGL 203-3-3
Studies in Composition
Students will examine published expository essays
and produce their own examples of the genre, including a research essay, to improve their ability to reason, develop ideas, organize, express themselves in an effective style, incorporate research, and effectively revise their work. (3,0,0)

Prerequisites:

- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 204-3-4 Small Press Publishing in Canada from Curation to Production

This applied course will introduce students to small-press publication in both print and digital form. ENGL 204 focuses on learning to analyse, review, and edit literary works while understanding their place in the Canadian literary landscape. Throughout the semester students will respond to lectures on the theory and practice of literary work (creative and critical) and the material processes from authorship to publication. Students are required to register in a two-hour faculty led computer laboratory. (2,2,0)

Prerequisites:

- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199
- a corequisite of 3 credits 200-level ENGL

ENGL 205-3-4 Applied Publishing Studies: Introduction to Book Arts

This course introduces students to an assortment of practices involved in the book arts. Techniques explored may include hand-typesetting and letterpress printing, paper arts and bookbinding, digital design and production as well as the creation of unique book objects. Students are required to register in a two-hour faculty-led laboratory. (2,2,0)

Prerequisites:

- ENGL 170 or FINA 170 and FINA 171

ENGL 206-3-3 Pre-production for Publishing

This course introduces students to the publishing process including standard Canadian publishing policies. Students will fulfill a dedicated component on copy-editing from basic proofreading to establishing a "house style," and the process of manuscript preparation from basic editorial and typographical principles to working with style sheets. (3,0,0)

Prerequisites:

- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 207-3-4 Web Development for Publishing

This course introduces students of writing and publishing to current web standards and develops the students' ability to construct and publish professional-level content on the internet. This skill-based course prepares students to enter the publishing work force. Specific topics include file types and formats for the web and print, directory structure and organization, file preparation and transfer, introductory web typography and document design, basic web design and development, as well as best practices for electronic publishing. (2,2,0)

Prerequisites:

- FINA 170
- FINA 171
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 208-3-3 History of the Book

This course introduces students to the dynamic history of the book. Students will not only trace the rise of print-culture in the West from approximately the 15th century to the present, but will also be challenged to think critically about the politics, aesthetics, and technology of the book. (3,0,0)

Prerequisites:

- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 209-3-3 Studies in Professional Editing

In this course, students will be introduced to the craft of professional editing. In addition to examining the role of editors in the publishing industry, students will focus on the four main components of the professional editing process: copyediting, proofreading, structural editing, and stylistic editing. (3,0,0)

Prerequisites:

- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 210-3-3 Women in Literature

Techniques of literary study, with emphasis on how women are represented in and have contributed to the literary tradition, will be combined with a selection of representative texts written by women. This course will examine the relationship of women's writing to the canon of English Literature in the context of some critical and literary works. This course is also offered as GSWS 210. Students with credit for WMST 210 or GSWS 210 cannot take ENGL 210 for further credit. (3,0,0)
Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 211-3-3**

Survey of English Literature I
A survey of English Literature from the Anglo-Saxon period to John Dryden. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

Also offered by Distance Education

**ENGL 212-3-3**

Studies in Children’s Literature
A survey of folk tales from different cultures, literary fairy tales, modern works of fantasy and realism. Students will study the emergence of folk tales as stories for children and the functions of myth in these tales and will compare the folk tale or oral tradition and the literary fairy tale; and will examine the nature of fantasy and realism in works for children. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 213-3-3**

Studies in British Literature
This course examines major trends in 20th Century British literature. Students will examine representative works from and developments in the Anglophone literatures of England, Wales, Ireland and Scotland. Specific readings will draw on all four major literary genres: poetry, the novel, creative non-fiction, and drama. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 215-3-3**

Studies in Reading Film
An introduction to film as narrative. This course will examine the nature, characteristics, and language of film in relation to various film genres that are current today. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 216-3-3**

Intermediate Workshop in Creative Writing - Poetry
An intermediate creative writing course in which students are instructed and guided in the writing of poetry; encouraged to pursue experimentation in poetry; and will participate in the feedback and critique sessions that constitute the workshop method. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126

**ENGL 217-3-3**

Intermediate Workshop in Creative Writing - Fiction
An intermediate creative writing course in which students are instructed and guided in the writing of fiction; encouraged to pursue experimentation in fiction; and will participate in the feedback and critique sessions that constitute the workshop method. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126

**ENGL 218-3-3**

Intermediate Workshop in Creative Writing - Drama
An intermediate creative writing course in which students are instructed and guided in the writing of drama; encouraged to pursue experimentation in drama; and will participate in the feedback and critique sessions that constitute the workshop method. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126

**ENGL 219-3-3**

Intermediate Workshop in Creative Writing - Creative Non-Fiction
An intermediate creative writing course in which students are instructed and guided in the writing of creative non-fiction; encouraged to pursue experimentation in creative non-fiction; and will participate in the feedback and critique sessions that constitute the workshop method. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126

**ENGL 220-3-3**

Studies in the Theory and Practice of Creative Writing
This course is recommended for students taking creative writing or fine arts courses. It introduces...
students to the history of the evolution of twentieth-century forms of creative writing. The course lectures will trace the history of that evolution and focus on forms that students might practice. Students will write a series of essays on problems of aesthetics and editing. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 221-3-3
Survey of English Literature II
A survey of English literature from the 18th century to the moderns. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

Also offered by Distance Education

ENGL 222-3-3
Studies in International Literature in English
An examination of international writing in English. Course material will be drawn from representative works of writers from various areas of the Commonwealth. Through the study of fiction, poetry, drama, autobiography and essays, the class will consider the socio-political forces that affect textual practices. This course will focus on the literature of Africa and the Caribbean. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 223-3-3
Studies in Canadian Literature
An examination of the development of Canadian literature from the 19th century to the present time, with emphasis on poetry and fiction of the 20th century. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

Also offered by Distance Education

ENGL 225-3-3
Studies in Drama
This course will introduce students to the historical development of western theatre. Students will read key plays from major periods of theatrical history ranging from Greek to contemporary drama. Students will consider the cultural, aesthetic, and dramatic conventions of each play's historical context with a focus on how these considerations affect a play's interpretation and reception. Emphasis will be placed on the relationship between script and stage, paradigm and performance, actor and audience, theory and practice. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 230-3-3
Topics in Women's Literature
An exploration of the ways in which women have been represented in and have contributed to the literary tradition by examining women's writing in a particular historical, national and/or regional context, such as, the English renaissance; or women's writing on particular topics, i.e. war, religion, or work; or the writing of women of a specific race or class, i.e. black women's writing.

Students can elect to transfer this course as English or Women's Studies credit to UBC, SFU, and UVic. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 231-3-3
Studies in Popular Narrative
An introduction to popular literary genres, including detective fiction, science fiction, romance, gothic fiction, horror fiction and fantasy. Students will examine the relationship between socio-political formations and literature. Discussions of form will include a study of narrative methods and fictional techniques. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 233-3-3
Studies in American Literature
An introduction to major figures and themes in American literature, with special emphasis on the 20th and 21st centuries. (3,0,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

ENGL 235-3-3
Professional Writing and Communications
This course introduces students to written professional communication, including organizational
communication, employee communication, report and proposal writing, customer communication, public relations, marketing and advertising and communication theory. This course is also offered as CMNS 235. Students with credit for CMNS 235 may not take ENGL 235 for further credit. (3,0,0)

**Prerequisites:**
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 236-3-3**  
**Studies in Indigenous Literature in Canada**  
(formerly ENGL 224)

This course examines the development of Indigenous literature in Canada, with an emphasis on contemporary poetry and fiction. The course examines expectations of Indigenous literature and some of the stereotypes that may have shaped those expectations. The course will also examine historical contexts and the extent to which Indigenous literature has aimed to correct colonial representations of Indigenous people. (3,0,0)

**Prerequisites:**
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 237-3-3**  
**Studies in Nature Writing**  
(formerly ENGL 232)

An exploration of the prose literary tradition of Nature Writing in English and the myriad ways authors have explored the relationship between human and non-human nature. The tools of nature writing - observation, memory, exploration, research, analysis, and expression - will be put to work in order to learn more about the places we live. (3,0,0)

**Prerequisites:**
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**ENGL 302-3-3**  
**Studies in Contemporary Literary Aesthetics**

This course will explore historic and current notions of taste and literary excellence through an in-depth study of the criteria upon which a genre of literature is evaluated (for example, the novel and the Man Booker Prize; The Commonwealth Writers Prize, The Giller Prize, and so on). Beginning with a theoretical consideration of the ways in which literary taste has been historically produced, articulated, and critiqued, the class will then explore the ways in which these ideas of writing excellence are practically applied to contemporary literature, paying particular attention to the ways the shortlisted texts are spoken about in a variety of critical venues (the full range of national and international popular and industry print/online reviews, promotional materials, and so forth). (3,0,0)

**Prerequisites:**
- 6 credits ENGL 100, 150, 151, 153  
- one of ENGL: 203, 215, 221 through to 236  
- third-year standing
and non-literary texts from a given period, giving
students a base in research and interdisciplinary
study. The topics may vary each time the course is
offered. With different topics, this course may be
taken more than once for credit. (3,0,0)

Prerequisites:
• 6 credits ENGL 100,150,151,153
• one of ENGL: 203, 215, 221 through to 236
• third-year standing

ENGL 307-3-3
Creative Non-Fiction Writing for Canadian Markets
This course will take students through the steps of
preparing creative non-fiction for Canadian markets.
Writing, editing and submission of two substantial
pieces of writing for Canadian magazines or journals
will be required. Some of these markets may include
Geist, The Walrus, Prairie Fire, Event, Prism
International and the CBC Literary Awards, among
others. Students will learn about the selection, format
and process for submission of work for publication.
Workshops, readings, and exercises will be employed
to attempt to make conscious the unconscious
motivations behind telling a non-fictional story. We will
also look at how to use the elements of fiction, for
example characterization, plot, conflict and
symbolism, to shape a compelling non-fiction
narrative. Guest speakers from the Canadian writing
industry will be invited to the class. The class will wrap
up with a public reading. (3,0,0)

Prerequisites:
• ENGL 116
• ENGL 126
• ENGL 216 or ENGL 217 or ENGL 218 or ENGL
219 or ENGL 220
• third-year standing

ENGL 308-3-3
Literature and Film
Film has historically depended on literature for much
of its material. Since film is an increasingly dominant
narrative form, it influences the way we read and
understand literature. This course will examine the
distinctive characteristics of both literary and film texts
and the relationship between them through a
comparative study of selected literary texts and their
film adaptations. (3,0,0)

Prerequisites:
• 6 credits ENGL 100,150,151,153
• one of ENG: 203, 215, 221 through to 236
• third-year standing

ENGL 309-3-3
Shakespeare in Context
This course will explore the literary and cultural
construction of Shakespeare in light of literary,
dramatic and cinematic contexts. Emphasizing
historical and social reflections, the course will cover
Shakespearean comedy, satire and problem plays.
Critical approaches to the plays will include feminist,
Marxist, psychoanalytic, historicist, soci-political,
theatrical and cinematic analyses. Readings will
encompass Elizabethan, Jacobean and contemporary
interpretations of the plays and theatrical practices.
(3,0,0)

Prerequisites:
• 6 credits ENGL 100,150,151,153
• one of ENGL 203, 215, 221 through to 236
• third-year standing

ENGL 311-3-3
Writing Drama
This course is an advanced creative writing course in
which students are instructed and guided in the
contemporary theories and practices of drama and
performance, encouraged to pursue experimentation,
and asked to participate in the feedback and critique
sessions that constitute the workshop/studio method.
(3,0,0)

Prerequisites:
• ENGL 116
• ENGL 126
• ENGL 216 or ENGL 217 or ENGL 218 or ENGL
219 or ENGL 220
• third-year standing

ENGL 312-3-3
Writing for Change: History, Theory, Practice
This course explores the history and theory of writing
as political action. Students will analyse any number
of twentieth and twenty-first century revolutionary
documents - Black Panther platforms, Declarations of
First Nations People in Canada, Council of Canadians'
Vision Statements, Theatre for Development projects,
and "culture jam" manifestoes. Questions we will
consider as we engage these texts include the
following: what counts as revolutionary writing? how
does writing enable or achieve social action? and
what are the responsibilities of the contemporary
progressive writer? Finally, in this course students will
practice multiple forms and genres of socially-
engaged writing. (3,0,0)

Prerequisites:
• 6 credits ENGL 100,150,151,153
• one of ENGL 203-215, 220 through 237
• third-year standing

ENGL 351-3-3
Ecopoetics
This course explores the field of Ecopoetics by
studying a range of texts that consider the relationships between humans, animals, places, cultures, and languages. The interdisciplinary readings cross genres and include poetry, prose, philosophy, field guides, science writing, theory, and criticism. We will write critically and creatively about the intersection of ecology and poetics, making connections between disciplines, literatures, personal experience, and current issues. (3,0,0)

Prerequisites:
- 6 credits of 200 level ENGL
- permission of the department

ENGL 357-3-3
Environmental Literature
This course promotes ecological literacy by studying a range of books that have shaped contemporary American environmental thinking and literature. Readings will be considered from several perspectives including the American Literary Tradition, rhetoric, history, science, and public policy. The readings represent several disciplines. Students will write critically and creatively about environmental topics. (3,0,0)

Prerequisites:
- 6 credits of 200-level ENGL literature
- permission of the department

ENGL 358-3-3
Topics in Literature
The emphasis in this course is on specific movements, themes and systems of thought. Consideration will be given to a range of literary, political, religious and social topics. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- third-year standing
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199
- or 6 credits of CMNS and permission of the department

ENGL 383-3-3
Creative Writing Fiction
This course is for third-year student planning to pursue a variety of careers in business. It will introduce students to a range of forms and models of short contemporary fiction and concern itself with the business of being a writer: marketing, contracts, copyright and licenses, agents, and careers in publishing. (3,0,0)

Prerequisites:
- third-year standing

ENGL 406-3-3
Literary Journalism I: History, Theory, Practice
This course addresses the history, theory, and practice of Literary journalism. A number of questions will guide our readings in this genre. What is the difference between a critic and a reviewer? What are the responsibilities of a public intellectual? How does literary journalism compare to other cultural industries? How will it navigate the transition from print to the web? (3,0,0)

Prerequisites:
- 6 credits ENGL 100,150,151,153
- one of ENGL 203, 215, 221 through 236
- 3 credits of 300 level English
- third-year standing

ENGL 407-3-3
Literary Journalism II: The Art of the Interview, Review & Profile
Thinking critically and creatively about literary journalism, students will take a practical approach to the genre. Students will learn by doing, writing reviews, interviews and profiles. Within a literary context, students will apply skills (writing, editing, publishing) that are transferable within any number of fields. The course culminates with the publication of either a class chapbook or, subject to acceptance, in the student-run Okanagan Review. (3,0,0)

Prerequisites:
- 6 credits ENGL 100,150,151,153
- one of ENGL 203, 214, 221 through 236
- three credits of 300 level English
- third-year standing

ENGL 408-3-3
Topics in Creative Writing
This course explores the many ways in which contemporary poetry intersects with, comments upon, changes, and challenges public culture. The course will necessarily grapple with the fundamental question of just what poetry does in our culture and will consider the slipperiness of the terms poetry, public, and culture. Course assignments will apply theories of poetry and public culture in a number of practical and/or hands-on ways. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126
- ENGL 216 or ENGL 217 or ENGL 218 or ENGL 219
- third-year standing
ENGL 409-3-3
Writing the Novel
This course will provide a basic understanding of planning, writing, and revising a novel and submitting it for publication. Students will study the context in which the contemporary novelist works in order to situate their own work both aesthetically and commercially. Students will write and revise chapters of an original novel and will learn the mechanics of finding a publisher. (3,0,0)

Prerequisites:
- ENGL 116
- ENGL 126
- ENGL 216 or ENGL 217 or ENGL 218 or ENGL 219
- third-year standing

ENGL 416-3-5
Publishing Project
Combining the skills and experience of this course’s prerequisites, students will produce a professionally published small-press title, working through the pre-production process from manuscript to copy-editing to design mock-ups to final design, production and publication. The project will also involve the establishment of a small press imprint, and the project will include the production of 50 copies of the book, along with publicity materials, and the class as a group will organize and present a public book launch/book fair to introduce their projects to the public. Students will be required to pay a supplemental fee to cover publishing costs of their project. This class will be scheduled in a computer laboratory. (3,2,0)

Prerequisites:
- ENGL 204
- ENGL 205
- ENGL 206
- ENGL 208
- FINA 201
- FINA 202
  or fourth-year standing and permission of the Department of English

ENGL 495-3
Directed Studies in English
In consultation with a faculty member, each student will work on a substantive research essay or creative work of fiction, poetry, drama, or non-fiction. This work will be scrutinized, by a faculty supervisor at the semester’s completion, in an oral defence in a public forum. The student will also receive guidance and critical commentary on his/her curriculum vitae and the development of his/her professional portfolio.

Prerequisites:
- fourth-year standing
- the agreement of an English Department member to supervise the student.

Entrepreneurship
Exploring Reading and Writing
ERWS 010-76 hours
Exploring Reading & Writing

English as a Second Language

ESLD 020-80 hours
Directed Studies in ESL

English as a Second Language

ESLE 010-140 hours
ESL Listening and Speaking Level I
This course focuses on basic skills for communicating in English in a Canadian environment. Through a variety of listening and speaking activities, students will learn vocabulary, grammar and pronunciation skills to reach the speaking and listening outcomes for Canadian Language Benchmarks Level 4 (also equivalent to Common European Framework of Reference for Languages Level A2).

Prerequisites:
- Placement at Level 1 Listening and Speaking on OCELA.

ESLE 020-140 hours
ESL Listening and Speaking Level 2
This course focuses on basic skills for communicating in English in a Canadian environment. Through a variety of listening and speaking activities, students will learn vocabulary, grammar and pronunciation skills to reach the speaking and listening outcomes for Canadian Language Benchmarks Level 5 (also equivalent to Common European Framework of Reference for Languages Level B1).

Prerequisites:
- ESLE 010\(^1\) or placement at level 2 OCELA Listening and Speaking

\(^1\) minimum grade of 65 required
**English as a Second Language**

**ESLG 036-80 hours**
**Introduction to English Grammar**
This course is designed for students who wish to improve their grammar in both formal written and informal spoken English. Emphasis is on grammatical forms and structures which play an important role in communicating meaning (i.e., articles, plurals, comparatives and superlatives, verb tenses, passives, conditionals, modals, gerunds, infinitives, and complex clauses). Students will practice these forms and structures in written and oral exercises and in speaking activities which simulate practical everyday experiences.

Corequisites:
- ESL 030\(^1\)

\(^1\) minimum grade of 60 required

**ESLP 025-80 hours**
**Pronunciation Improvement**
This course is for students wishing to improve their understanding and pronunciation of spoken English. Students will practice the sound system of Canadian English, including vowel and consonant sounds, rhythm and intonation, linking and reductions. An introduction to the international phonetic system is included. Pronunciation classes are held in the language lab. Practice will focus on using and understanding the spoken language in practical, everyday contexts.

Prerequisites:
- ESL 010\(^1\)

\(^1\) minimum grade of 60 required

**ESLR 022-70 hours**
**Reading Improvement**
A continuation of ESLR 012. Students will develop vocabulary and comprehension by understanding simplified academic texts, short stories and poems. Out-of-class reading assignments are included.

Prerequisites:
- ESLR 012\(^1\) or placement at Level 2 Reading on OCELA

\(^1\) minimum grade of 65 required

**ESLR 012-70 hours**
**Introduction to Reading - Academic**
Vocabulary and comprehension are developed through a variety of popular readings. Classroom activities will include reading and discussions. Out-of-class reading assignments are included.

Prerequisites:
- Placement at Level 1 Reading on OCELA

**ESLT 031-240 hours**
**English for Tourism I**

**ESLT 032-150 hours**
**English for Tourism II**

**ESLT 033-32 hours**
**Hotel/Restaurant Management**

**ESLT 034-32 hours**
**Tour Operations**

**ESLT 035-110 hours**
**Work Experience**

**ESLW 021-70 hours**
**Writing Improvement**
This course is a continuation of ESLW 011, in which students will develop their understanding of the written language by writing on popular topics and writing about them from their cultural background. Students will contribute their work to the ESL newsletter. Individual tutorial sessions with the instructor will encourage the students to be critical readers of their own writing.

Prerequisites:
- ESLW 011\(^1\) or placement at Level 2 WRiting on OCELA

\(^1\) minimum grade of 65 required

**ESLW 011-70 hours**
**Introduction to Writing**
The first level of a six-level writing program which develops writing ability for academic purposes. Students will develop their understanding of the
written language by writing on familiar topics. Individual sessions with the instructor will encourage the students to become critical readers of their own writing.

Prerequisites:
• or placement at Level 1 Writing on OCELA.

### Esthetics and Nail Technology

**ESNT 101-30 hours**
**History and Professionalism in Esthetics**
In this course, students study the practice of self grooming and beautification and its origins in history. The advancements in the field of esthetics during the 19th, 20th & 21st centuries are the focus. Students also learn how their own professional image is important to the client, the employer and the industry.

**ESNT 102-20 hours**
**Infection Control: Principles and Practice**
In this course, students are introduced to the types of viruses, bacteria, parasites, and fungi that are potential threats in the spa environment. Review of how pathogens enter body, principles of infection and prevention, and current regulatory laws and practices are included. Control strategies such as disinfectants, sanitizers, and sterilizers are studied and applied in the classroom environment as they would be in a professional spa facility. Consideration of universal precautions and the student's responsibility as a spa professional are addressed.

**ESNT 103-95 hours**
**General Esthetic Sciences**
Basic review of human anatomy, nutrition and physiology provides students with an understanding of cells, the skeletal system, muscles, skin, circulation, respiration, and the nervous system. Systems such as endocrine, digestive and reproductive all contribute to the health and appearance of the skin and nails are studied. Students are introduced to chemistry basics as they relate to esthetics and the use of electrical equipment employed in performing esthetic procedures.

**ESNT 104-40 hours**
**Nail Structure & Growth: Diseases and Disorders**
Focusing on the physiology of the hand and foot and the anatomy of the nail in its structure and growth, students study nail diseases and disorders, when to provide service to a client and when to refer that client for medical consultation.

**ESNT 105-50 hours**
**Natural Nail Care: Manicures and Pedicures**
Focusing on the implements and tools required to perform a manicure and pedicure students learn about the safe and approved handling of equipment and professional procedures for these nail services. Students learn to identify the basic nail shapes, perform all levels of spa manucures and pedicures, and to incorporate safety, sanitation and disinfection procedures. This course covers nail polish applications including French polish, hand and arm massage techniques, foot and leg massage techniques, and basic paraffin-wax treatment.

Prerequisites:
• ESNT 102
• ESNT 103
• ESNT 104

1 minimum grade of 70 required

**ESNT 106-60 hours**
**Artificial Nail Enhancements: Techniques and Procedures**
Students are introduced to current industry standard nail enhancements and develop their own creative abilities using the tools and techniques taught in this course. Nail art and design are introduced.

Prerequisites:
• ESNT 102
• ESNT 103
• ESNT 104

1 minimum grade of 70 required

**ESNT 107-50 hours**
**The Skin Sciences**
The science of skin histology and physiology includes the functions, layers and anatomy of the skin. This course addresses many common skin disorders and diseases that the esthetician may encounter in their daily work. Students are introduced to the fundamental skills required for skin analysis in creating personalized facial treatments.

**ESNT 108-25 hours**
**Product Selection and Ingredients: Making Informed Choices**
Building on skin analysis, students examine the skin's barrier functions, product interactions with the skin, and pathways of penetration into and through the skin barrier. Students develop their knowledge base of product ingredients and the importance of making informed choices for their client.

**ESNT 109-60 hours**
**Skin Care and Facials**
Skin care and facials are considered to be core services the esthetician performs. Through hands-on experience the student learns to demonstrate and guide their client in suitable skin care and basic facials.
as suits their personal needs. A variety of standard spa equipment is used in delivery of this training.

Prerequisites:
• ESNT 102
• ESNT 103
• ESNT 107
• ESNT 108

ESNT 110-50 hours
Waxing Essentials
In this course, students develop skills in appropriate client consultation and identification of conditions that may inhibit hair removal. They study the morphology of hair and its growth stages and are introduced to a variety of hair removal techniques.

Prerequisites:
• ESNT 102
• ESNT 103
• ESNT 107

ESNT 111-11 hours
Aromatherapy: An Introduction
In this course, students explore the ancient healing art of aromatherapy, learn where essential oils come from, name the most commonly used oils in the beauty industry, identify carrier oils and their uses, and understand how aromatherapy can be used in the services an esthetician performs.

ESNT 112-20 hours
Reflexology for the Esthetician
Students gain a basic level of understanding of how an esthetician would incorporate reflexology into their service.

Prerequisites:
• ESNT 103

ESNT 113-25 hours
Relaxation Massage and Hot Stone Therapy
This hands-on course introduces students to the basics of Swedish body Massage and the art of heated stones. Focusing on client comfort, professional draping, the importance of staging the environment and the treatment room, the basic principles of massage and the types of massage movements; students will learn the potential benefits of massage, contraindications, special equipment needed and the limitations to the esthetician's scope of practice.

Prerequisites:
• ESNT 103

ESNT 114-25 hours
Body Scrubs and Body Wraps
This course focuses on the various methods, products and equipment used in body exfoliation and detoxification.

Prerequisites:
• ESNT 103

ESNT 115-10 hours
Introduction to Advanced Esthetics
In this course, students are introduced to the medi-clinical spa environment and explore options around working with a dermatologist.

ESNT 116-10 hours
Eyelash and Brow Tinting
In this course, students learn how to create subtle changes in the client's appearance using lash and brow tinting. Preparation and application methods as well as safety and contraindications are the focus.

Prerequisites:
• ESNT 102
• ESNT 103

ESNT 117-25 hours
Make-Up Foundations
Analysis of facial shapes, bone structure, and skin tone are the basis for this course. Once these basics are understood, students learn the principles of camouflage, choosing base colours, eye techniques, lash extensions, blending and contouring, and how to choose the right brush.

ESNT 118-34 hours
Business Skills, Retailing and Career Skills
This course addresses the fundamentals of skin care and nail business including product sales, retailing, and booking services. The option of self-employment will be addressed and topics such as business licenses, business records, reception protocols, and the importance of having a sound business plan are included. As well, preparing for employment with a solid resume and strong interview skills are a focus.
Students develop an employment portfolio that features the student's own strengths.

**ESNT 119-230 hours**  
**Practical Skills**  
Under the direct supervision of a licensed professional instructor, students practice and develop their applied skills.

**ESNT 120-200 hours**  
**Advanced Practical Skills**  
Under the direct supervision of a licensed professional instructor, students practice and develop their advanced skills and treatments.

**ESNT 121-30 hours**  
**Practicum**  
In this course, students have the opportunity to gain knowledge from a supervised placement in the esthetics field. This allows students to test their knowledge gained throughout the program and to integrate both theory and practical applications. From this, each student gains insight into the type of esthetics environment they may desire to work in the future.

**ESL for Specific Purposes**

**ESP 095-320 hours**  
**ESL for Specific Purposes**  
This course is designed to present different topics for English language instruction of students taking English as a second language. Topics are determined through requests of International or professional/employer client groups and include learning of specialized English language communication skills (oral and written) through instruction and field work. With different topics, this course may taken more than once.

**Esthetician**

**Floral Design**

**FD 01-12 hours**  
**Basic Plant Care Principles**  
This module covers basic plant care principles such as light, watering, feeding, repotting, soil needs, propagation, and insect and disease problems of popular houseplants, as well as plant identification.

**FD 02-12 hours**  
**Principles of Floral Design**  
This module introduces basic design elements and principles such as colour balance, focal point, texture, types of flowers, and use of foliage.

**FD 03-36 hours**  
**Basic Floral Arrangements**  
Introduction to basic types of arrangements including circular and triangular designs, table centres, baskets, novelties, etc.

**FD 04-36 hours**  
**Designing Funeral Arrangements**  
This module discusses basic types of arrangements including sprays, wreaths, and set designs which would be suitable for funerals. It also discusses the protocol of dealing with customers in these circumstances.

**FD 05-36 hours**  
**Designing Wedding Arrangements**  
In this module you will be introduced to designs for all members of the wedding party. Also discussed will be arrangements for the church and reception. Colour and flower co-ordination for the whole wedding will be emphasized.

**FD 06-18 hours**  
**Floral Marketing**  
This module introduces the business aspects of purchasing and marketing for the floral design industry and includes such topics as buying flowers, effective sales techniques, pricing, wire service, and shop and personal appearance.

**Film**

*Prerequisites may be waived by the Interdisciplinary Studies department. See prerequisite waiver.*

**Fine Arts**

*Prerequisites may be waived by the English department. See prerequisite waiver.*

**FINA 100-3-3**  
**Survey of Music History I**  
This course provides students with a basic understanding of the history and development of music. This survey course will focus on music and composers from the 5th to the 18th century. Increased competence in the student's abilities to listen, analyze and articulate their responses to the music will be an important part of this curriculum. (3,0,0)

*Prerequisites:*
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or AP English Language & Comp. 12\(^2\) or Technical Professional Comm 12\(^2\) or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP
FINA 101-3-3
Survey of Music History II
This course will provide students with a basic understanding of the history and development of music. This survey course will focus on the music and composers from the main musical periods from the 19th and 20th centuries. Increased competence in the student's abilities to listen, analyze and articulate their responses to the music will be an important part of this curriculum. (3,0,0)

Prerequisites:
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or AP English Language & Comp. 12\(^2\) or Technical Professional Comm 12\(^2\)
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index\(^3\)
- or mature student status and a minimum score of 24/40 (level 4) on the Language Proficiency Index test.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

FINA 110-3-3
Introduction to Drawing and Visual Storytelling
This course introduces students to drawing as a visual language and as a tool for enhancing perceptual awareness. While investigating the artistic process and developing a critical vocabulary, students will acquire the skills to translate immediate observation and ideas into two-dimensional form. By exploring the concepts of representation, imagination and personal expression, students will focus on drawing as a form of visual storytelling. (3,0,0)

Prerequisites:
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or AP English Language & Comp. 12\(^2\) or Technical Professional Comm 12\(^2\)
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index\(^3\)
- or mature student status and a minimum score of 24/40 (level 4) on the Language Proficiency Index test.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

FINA 115-3-4
Introduction to Acting
In this course students develop the physical, vocal, and interpersonal skills that are essential to an actor’s craft. Proceeding from movement to improvisation to monologues, students learn how to build performances, collaborate with their fellow actors, and engage with audiences. They also discuss how to analyze and evaluate scripts from a performance perspective. Students may be required to purchase and attend one or more live theatre performances in the Okanagan Valley. (2,2,0)

FINA 120-3-3
Introduction to the Creative Process
What is the nature of creative work? How do we think creatively? Through close study of design, visual art, story and performance, students will focus on the creative process, paying special attention to the relationship between artist and audience, and the implications for their own creative practice. (3,0,0)

Prerequisites:
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or AP English Language & Comp. 12\(^2\) or Technical Professional Comm 12\(^2\)
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index\(^3\)

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

FINA 134-3-3
Nineteenth-Century Art History
This course is a study of the major issues in Western art from 1750 to the end of the 19th century. Developments and changes in social systems, industrialization, philosophy and science will be related to artistic expression during this period. Slides will be used extensively. (3,0,0)

Prerequisites:
- ABE ENGL 012\(^1\) or English 12\(^2\) or English Studies 12\(^2\) or English 12 First Peoples\(^2\) or AP English Language & Comp. 12\(^2\) or Technical Professional Comm 12\(^2\)
- or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index\(^3\)

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required
FINA 144-3-3
Twentieth-Century Art History
This course outlines the history of 20th-century art in the Western tradition, beginning with the important innovations in late 19th-century art and concluding with the 1990s. It covers painting, sculpture and architecture, as well as other visual art forms developed during the century. (3,0,0)

Prerequisites:
• ABE ENGL 0121 or English 122 or English Studies 122 or English 12 First Peoples2 or AP English Language & Comp. 122 or Technical Professional Comm 122
or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index3
or a pass in one of these courses and a score of 24/40 (level 4) or better on the LPI; or mature student status and a score of 24/40 (level 4) or better on the LPI.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

Also offered by Distance Education

FINA 170-3-4
Applied Publishing Skills
This course provides students with the technical skills necessary to enter the publishing industry. Intensive training in the Adobe Creative Suite of programs (InDesign, Photoshop, Illustrator and Acrobat) prepares students for a wide range of production issues. Students are required to register in a two-hour faculty led computer laboratory. This course is also offered as ENGL 170. Students with credit for ENGL 170 cannot take FINA 170 for further credit. (2,2,0)

Prerequisites:
• ABE ENGL 0121 or English 122 or English Studies 122 or English 12 First Peoples2 or AP English Language & Comp. 122 or Technical Professional Comm 122
or ABE ENGL 012 or English 12 or English Studies 12 or English 12 First Peoples or AP English Language & Comp. 12 or Technical Professional Comm 12 and Language Proficiency Index3
or a pass in one of these courses and a score of 24/40 (level 4) or better on the LPI; or mature student status and a score of 24/40 (level 4) or better on the LPI.

1 minimum grade of 60 required
2 minimum score of 60 required
3 minimum score of 24 required

FINA 171-3-4
Design Foundations
This course provides an overview of basic principles and techniques that contribute to effective design. Students employ both analog (hand-drawing) and digital (software) tools to facilitate a working understanding of the principles of composition and layout, color theory, line, shape, and texture. Students are required to register in a two hour faculty-led computer laboratory. (2,2,0)

Corequisites:
• FINA 170
FINA 201-3-3
Introduction to Publication Design
Beginning with a brief historical overview of printing, type design, typography and book design, this course will focus first on the conventions of book design and typography, followed by a basic introduction to the development of print projects in the current industry-standard software. (3,0,0)

Prerequisites:
• FINA 170
• FINA 171
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199
or 6 credits from: FINA 110, 134, 144, 160

FINA 202-3-3
Advanced Publication Design
This course will combine a close study of advanced typographic conventions with an intensive exploration of the features and capabilities of current industry-standard software. Less a graphic design class (aesthetics) than an exercise in textual communication, the class will focus on determining and meeting the demands of the text and reader through a firm understanding of legibility, readability, composition and layout. (3,0,0)

Prerequisites:
• FINA 201

FINA 211-3-3
Topics in Music
This course permits students to explore specific contributions of musical genres to contemporary culture. Students will attend at least one approved performance and will present their review to the class. Students may be required to provide for their own travel and admission costs to performances. The topics will vary from year to year. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• permission of the department
• 6 credits Arts

FINA 310-3-3
Visual Communication & Culture
This course examines how meaning is constructed through visual representation. Theories of visual communication, visual culture, and information visualization aid students in locating diverse applications of visualization within their cultural, historical, and practical contexts. Also offered as CMNS 310. Students with credit for CMNS 310 cannot take FINA 310 for additional credit. (3,0,0)

Indigenous Languages

FNIL 110-3-3
Indigenous Regional Languages I
This course provides students the opportunity to learn the basic structure of a language indigenous to the region (Okanagan, Similkameen, or Shuswap). Students will progress toward a working use of the language in everyday life situations and conversations. (3,0,0)

FNIL 120-3-3
Indigenous Regional Languages II
This course builds on the skills developed in FNIL 110. Students learn more complex sentence structure using nouns, pronouns, and verbs in the past, present and future tenses. Students engage in more complex conversation including questions and responses, description, adjectives, and adverbs. (3,0,0)

Prerequisites:
• FNIL 110

First Nations Studies

Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

FNS 012-80 hours
First Nations Studies 012
This course provides students with historical background and current information leading to knowledge and understanding of indigenous peoples in Canada, focusing on peoples based in geographical areas now known as the province of British Columbia and the region served by Okanagan College.

Prerequisites:
• ABE ENGL 080\(^1\) or a minimum ABLE test score of 72/80 and a provincial level writing sample.

\(^1\) minimum grade of 60 required

**Food Prep Short Order Cook**

**French**

*Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.*

**FREN 101-3-3**  
**Oral Expression I**  
This course is intended for students with a rudimentary knowledge of French grammar and syntax. It will consist of oral and aural practice, basic conversation, and vocabulary expansion exercises. Students will be expected to participate actively in group activities and to give oral presentations. This course is not suitable for francophones or French immersion students. (3,0,0)

**Prerequisites:**  
• French 11 or the corequisite of FREN 105

**FREN 103-3-3**  
**Oral Expression III**  
This course is intended for students with a basic knowledge of French grammar and syntax. It will consist of oral and aural practice, basic conversation, and vocabulary expansion exercises. Students will be expected to participate actively in group activities and to give oral presentations. This course is not suitable for francophones or French immersion students. (3,0,0)

**Prerequisites:**  
• French 11 or FREN 102 or FREN 105 or the corequisite of FREN 111

**FREN 104-3-3**  
**Oral Expression IV**  
This course will consist of oral and aural practice, basic conversation, and vocabulary expansion exercises. Students will be expected to participate actively in group activities and to give oral presentations. This course is not suitable for francophones or French immersion students. (3,0,0)

**Prerequisites:**  
• French 11 or FREN 103 or FREN 111

**Corequisites:**  
• FREN 121

**FREN 105-3-3**  
**Beginners' French**  
This course is for beginners and for students who have not completed grade 11 French or equivalent. Activities are designed to develop communicative skills in reading, writing, speaking and listening. Successful completion of FREN 105 corresponds to the first half of the DELF A1 level. Students are required to complete individual and group assignments outside of scheduled class hours. Students with credit for FREN 110 cannot take FREN 105 for further credit. (3,0,0)

**Prerequisites:**

**FREN 106-3-3**  
**Beginners' French II**  
Students will continue to develop communicative skills in reading, writing, speaking and listening. Successful completion of FREN 106 corresponds to the second half of the DELF A1 level. Students are required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

**Prerequisites:**  
• FREN 105

**FREN 107-3-3**  
**Introductory French I**  
Formerly: FREN 111 This course is for students who have completed grade 11 French or FREN 106 or equivalent. Students will continue to develop communicative skills in reading, writing, speaking and listening. Successful completion of FREN 107 corresponds to the first half of the DELF A2 level. Students are required to complete individual and group assignments outside of scheduled class hours. Student with credit for FREN 111 cannot take FREN 107 for further credit. (3,0,0)

**Prerequisites:**  
• French 11  
  or FREN 106

**FREN 108-3-3**  
**Introductory French II**  
Formerly: FREN 121 This course is for students who have completed FREN 107 or equivalent. Students will continue to develop communicative skills in reading, writing, speaking and listening. Successful completion of FREN 108 corresponds to the second half of the DELF A2 level. Students are required to complete individual and group assignments outside of scheduled class hours. Student with credit for FREN 121 cannot take FREN 108 for further credit. (3,0,0)

**Prerequisites:**  
• FREN 107 or FREN 111
FREN 111-3-3
Introductory French I
This course is for students who have completed grade 11 French or FREN 105 or equivalent. Students will practice writing, reading, speaking and listening to French. Students are required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

Prerequisites:
• French 11 or FREN 105

FREN 112-3-3
French Language and Literature I
This course will focus on grammar and composition. Students will study cultural and literary works. Although some oral practice is included in this course, it is not the main emphasis. Students are required to complete individual and group assignments outside of scheduled class hours. Students who have completed grade 12 French immersion will normally register in FREN 211. (3,0,0)

Prerequisites:
• French 12 or FREN 121

FREN 115-3-3
First Year Oral French Practice I
This course emphasizes oral communicative proficiency in French. Students give several oral presentations and actively participate in various group activities designed to improve vocabulary, and oral and aural fluency. Students are required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

Prerequisites:
• French 12 or FREN 121

FREN 121-3-3
Introductory French II
This course is a continuation of FREN 111. (3,0,0)

Prerequisites:
• FREN 111

FREN 122-3-3
French Language and Literature II
This course is a continuation of FREN 112. (3,0,0)

Prerequisites:
• FREN 112

FREN 125-3-3
First Year Oral French Practice II
This course is a continuation of FREN 115. (3,0,0)

Prerequisites:
• FREN 115

FREN 210-3-3
Introduction to French Literature I: Before 1800
An introduction to the close reading of representative texts within different genres of French literature - narrative fiction, non-fiction prose, poetry and theatre. (3,0,0)

Prerequisites:
• FREN 112 and FREN 122 or Francais 12

FREN 211-3-3
Advanced French Language and Literature I
This course will focus on accuracy of written expression, the study of literary texts, translation and morphological and syntactic analysis. Students are required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

Prerequisites:
• Francais 12 or FREN 122

FREN 215-3-3
Second Year Oral French Practice I
This course will focus on development and accuracy of written expression, the study of literary texts, translation and morphological and syntactic analysis. Students are required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

Prerequisites:
• Francais 12 or FREN 122 or FREN 125

FREN 220-3-3
Introduction to French Literature II: Since 1800
A continuation of FREN 210. (3,0,0)

Prerequisites:
• FREN 210

FREN 221-3-3
Advanced French Language and Literature II
This course is a continuation of FREN 211. (3,0,0)

Prerequisites:
• FREN 211

FREN 225-3-3
Second-Year Oral French Practice II
This course is a continuation of FREN 215. (3,0,0)

Prerequisites:
- FREN 215

Farm Management

Green Building Design

Golf Course Maintenance

GCM 01
The Golf Course

GCM 02
Botany & Soil Basics

GCM 03
Turfgrass Management

GCM 04
Maintenance: Golf Course Trees

Geography

For courses numbered 100 or higher, the prerequisites may be waived by the Geography department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

GEOG 012-80 hours
Geography 012
Forces which create landscape, climate, biogeography, including an examination of man and the environment; use of the environment; conservation and control; and quality and perception of the environment are studied. Regional studies of particular countries (Russia, Japan, and selected countries in Europe and Asia) and topographic mapping are included.

Prerequisites:
• ABE SOST 0111 or ABE ENGL 0801 or Social Studies 112 or a minimum ABLE test score of 72/80 and a Provincial Level writing sample.

1 minimum grade of 60 required
2 minimum score of 60 required

GEOG 110-3-6
The Geography of Viticulture
This course will address geographical factors that affect commercial production of grapes for wine. The British Columbia, North American and Global wine industries will be discussed and compared. Climate, geology and soils as well as the concept of terrior are described in relation to viticulture. This course will additionally introduce map reading and interpretation skills. (3,3,0)

GEOG 111-3-6
Introduction to Physical Geography: Climate & Vegetation
This introductory course focuses on explaining the principles and processes that govern the functions of the atmosphere, hydrosphere and biosphere, and the interactions between these environmental systems and human activity. Laboratory activities emphasize technical and analytical skills development. (3,3,0)

GEOG 117-3-3
Introduction to Human Geography I
This course provides an introduction to the concepts, methods, modes of explanation, and recent critical changes in the study of human geography. The course focuses on interpretation and explanation of spatial variations resulting from human culture, social and economic behaviour. (3,0,0)

GEOG 121-3-6
Introduction to Physical Geography: Water & Landscapes
This introductory course focuses on explaining the principles and processes that govern the functions of the Earth's lithosphere and terrestrial geomorphology and hydrology. The course includes discussions of the interactions between the lithospheric system and human activity. Laboratory activities emphasize technical and analytical skill development. (3,3,0)

GEOG 127-3-3
Introduction to Human Geography II
This course provides a critical introduction to the study and application of the major themes of human geography including historical, regional, urban, political, social and cultural geographies. Investigations of local and distant environments are included using quantitative and qualitative methods at various scales. (3,0,0)

Prerequisites:
• GEOG 117

GEOG 128-3-3
Human Geography: Space, Place and Community
This course provides a critical introduction to the study and application of the major themes of human geography including historical, regional, urban, social and cultural geographies. It draws upon a range of geographic research methods to investigate geographic phenomena, especially human-environment relations. Students with credit for GEOG 117 cannot take GEOG 128 for further credit. (3,0,0)
GEOG 129-3-3  
**Human Geography: Resources, Development and Society**  
This course provides an introduction to the concepts, methods, modes of explanation, and recent critical changes in the study of human geography. The course focuses on the interpretation and explanation of geographic variations arising within the contexts of rapidly changing cultural, demographic, economic, political and social phenomena and their relationship to the environment. Students with credit for GEOG 127 cannot take GEOG 129 for further credit. (3,0,0)

GEOG 172-3-3  
**Map Use, Design, and Analysis**  
Learners will achieve a comprehensive understanding of modern map use, design, and analysis including: a) principles of geolocation and measurement; b) principles of cartographic design; and c) interpretation, limitations, and misrepresentations of spatial data. Cartographic principles will be introduced by tracing the historical evolution of cartography. (3,0,0)

GEOG 201-3-3  
**Food and Society**  
This course will introduce students to the political, cultural, economic and geographic factors that influence food production. Students will study how power, race, class, and gender influence our view of food and global patterns of agricultural. Patterns of land ownership, subsistence food production, cash cropping and sustainable alternatives will also be discussed. (3,0,0)

Prerequisites:  
- 3 credits of first year GEOG

GEOG 205-3-6  
**Geographical Hydrology**  
same as EESC 205  
This course is a study of the terrestrial hydrological cycle and water balance at site, watershed and larger regional scales. The movement and storage of surface water in various phases through the hydrological cycle and the energy associated with these processes will be examined. Course content will focus on snow cover, glacier ice, ground ice, streams and lakes and their physical, ecological and socioeconomic importance. Definition of hydrological resources, hazards and human impacts in the context of human perception of the environment are covered. Labs and local field work will introduce students to relevant techniques and reinforce concepts introduced in the lectures. This course is also offered as EESC 205. Students with credit for EESC 205 cannot take GEOG 205 for further credit. (3,3,0)

Prerequisites:  
- GEOG 111 or GEOG 121 or EESC 111 or WET 111 or WQT 111 or second-year standing in the Associate of Science.

GEOG 206-3-6  
**Introduction to Soil Science**  
Learners acquire knowledge of fundamental physical, chemical and biological properties and processes as well as soil formation processes, classification, description, survey, mapping and environment issues. Applications of soil science will be discussed related to forest management, agriculture, viticulture and environmental management. This course is also offered as EESC 206. Students with credit for EESC 206 cannot take GEOG 206 for further credit. (3,3,0)

Prerequisites:  
- EESC 101 or EESC 111 or GEOG 111 or GEOG 121 3 credits of 100 level lab science as listed for the Associate of Arts degree requirements.

GEOG 207-3-6  
**Introduction to Biogeography**  
Biogeography is the study of the geographical distribution of plants and animals on the Earth’s surface. We will examine the historical (speciation, migration, dispersal), environmental (climate, soils, topography, disturbance) and biotic (competition, resource partitioning) influences behind these patterns. The goal is to introduce the field of biogeography, understand biodiversity patterns and processes across the Earth and appreciate the role of human activities in influencing biogeographic patterns. (3,3,0)

Prerequisites:  
- 2nd year standing plus one of GEOG 111, GEOG 121, EESC 111, EESC 101, BIOL 111, BIOL 112, BIOL 121, BIOL 122, BIOL 175

GEOG 210-3-3  
**Introduction to Environmental Issues**  
This course is an introduction to the major environmental issues facing our planet. Issues are examined at differing geographical scales. A number of topics are studied. (3,0,0)

Prerequisites:  
- 3 credits of 100-level GEOG or EESC

GEOG 211-3-3  
**Social and Cultural Geography**  
This introductory course provides the tools to undertake analyses of the relationships between culture, politics and everyday life. Themes will be selected from: a history of Anglo-American cultural geography, cultural studies and geography, cultural
politics, sexuality and space, gender and geography, axes of power and marginalization. (3,0,0)

Prerequisites:
- GEOG 128 and GEOG 129

GEOG 212-3-6
Weather and Climate
same as EESC 212

This course covers the applications of systems theory in the study of weather and climate. Themes include: analysis of factors controlling climates from macro to micro scales; general circulation of the atmosphere; weather systems and forecasting; climate change; climate classification; and methods of collecting and analyzing climate data. This course is also offered as EESC 212. Students with credit for EESC 212 cannot take GEOG 212 for further credit. (3,3,0)

Prerequisites:
- GEOG 111 or GEOG 121 or EESC 111 or WET 111 or WQT 111 or second-year standing in the Associate of Science.

GEOG 213-3-3
Geography of Wine
Learners acquire a comprehensive understanding of the physical and human geography of wine, including (a) the environmental influences on grape growth and wine production, (b) the social, political, and economic significance of wine, (c) the geography of wine regions, and (d) an understanding of the environmental, cultural and economic characteristics of wine regions. (3,0,0)

Prerequisites:
- Second-year standing or completion of at least 3 credits of first-year GEOG or EESC.

GEOG 217-3-3
Regional Geography of British Columbia
The development of a definition of contemporary regional geography; regional settlement patterns and their formative factors; the regional nature of resources; economic regions, networks and communications; urban regions and regional districts in B.C.; an inquiry into the regional nature of the south-central interior of British Columbia. (3,0,0)

Prerequisites:
- 3 credits of 100-level GEOG or EESC

GEOG 221-3-3
Economic Geography
Analysis of the structure and dynamics of economic landscapes; theories of location, distribution and interactions associated with material production and consumption. Discussion themes selected from: distribution phenomena within the context of social systems; agricultural systems and land use; industrial landscape formation; consumer behaviour and the spatial structure of service activities. (3,0,0)

Prerequisites:
- GEOG 117 and GEOG 127
  or GEOG 128 and GEOG 129

GEOG 222-3-6
Geomorphology
same as EESC 222

This course studies the origin, nature and distribution of landforms and landform assemblages. Historical development of the major concepts in geomorphology will be covered. Structure, process, stage, equilibrium and thresholds as landform controls are included. Emphasis will be on landforms resulting from fluvial and glacial processes, using local and international examples. Labs and fieldwork will introduce students to relevant techniques and reinforce the concepts learned in the lectures. This course is also offered as EESC 222. Students with credit for EESC 222 cannot take GEOG 222 for further credit. (3,3,0)

Prerequisites:
- GEOG 121 or EESC 111 or second-year standing in the Associate of Science.

GEOG 223-3-6
Physical Geography of the U.S. Southwest
This course examines the physical geography of the U.S. Southwest including climate, fluvial processes, eolian processes, mass wasting processes, volcanism, weathering and geology. Several field sites will be visited in Arizona and southern Utah, including the Grand Canyon and the San Francisco Volcanic field. This course is intended to be delivered in a 7-week summer session. (6,0,0)

Prerequisites:
- GEOG 111 or GEOG 121 or EESC 111 or second-year standing

GEOG 224-3-3
The Canadian Landscape
This is an introductory course examining the relationship between the physical base of Canada and its human geography. The course focuses on the causes for and consequences of regional variations in the economic, political and social composition of Canada. Topics include biophysical base and natural resources; population settlement; emergence of urban and cultural regions and growth of economic activity regions. (3,0,0)
GEOG 225-3-3  
**Regional Geography of Melanesia**  
This course will introduce the physical geography and cultures of Melanesia. The course will study patterns of settlement, economic development and social and political organization in the region from a geographical perspective using local case studies. Topics examined will include: physical geography, colonialism, postcolonialism, development, informal economics, resource use and globalization. (3,0,0)  
*Prerequisites:*  
- 3 credits of GEOG or EESC

GEOG 250-3-3  
**Introduction to Urban Geography**  
This course is an examination of how cities emerge, function and change. Its objective is to introduce the city in its historical and geographical perspective, focusing on the complex relationship between economic, political, cultural and environmental phenomena. Students will complete fieldwork projects examining the urban processes at work. (3,0,0)  
*Prerequisites:*  
- GEOG 127 or GEOG 128

GEOG 255-3-3  
**Geography of Beer**  
This course examines, local, regional, and national spatial patterns in the history, ingredients, cultural traditions, and practices in the agriculture, brewing, and consumption of beer. Impacts of climate and climate change on raw in gradient crops and local water resources will be explored; waste streams, agriculture, tourism, labour, economic trends, including global consolidation and the craft brewing renaissance within the beer industry, will be examined. Emphasis will be on the local (Okanagan) area in comparison to provincial, Canadian, British, European, and American regions. No alcohol will be consumed during class time. Travel within the region may be required as part of the course. (3,0,0)  
*Prerequisites:*  
- Second-year standing or completion of at least 3 credits of first-year GEOG or EESC.

GEOG 270-3-6  
**Geographic Data Analysis**  
Introduction to descriptive and inferential statistical analysis in geography. Topics include descriptive statistics, elementary probability, statistics for spatial analysis, hypothesis testing, analysis of variance, correlation and regression. (3,0,0)  
*Prerequisites:*  
- 6 credits of Geography or Earth & Environmental Science.

GEOG 272-3-6  
**Introduction to Cartography, GIS and Remote Sensing**  
This course teaches students how to construct and interpret cartographic representations and visualisations. Course topics will focus on the identification and selection of appropriate spatial data, and the ways that different types of spatial data may be used to depict geography. (3,0,0)  
*Prerequisites:*  
- Second-year standing

GEOG 274-3-6  
**Introduction to GIS Analysis**  
Learners will be introduced to spatial data analysis within GIS. Course topics will focus on deriving new spatial datasets, qualitative and quantitative outputs from existing data. Themes will include: analyzing geographic patterns and relationships, making spatial measurements and generating statistic. At the end of this course, learners will be competent in evaluating, implementing and interpreting appropriate spatial analysis techniques given data inputs and desired outputs. (3,0,0)  
*Prerequisites:*  
- GEOG 172  
  or GEOG 272

GEOG 275-3-6  
**The Earth From Above: Remote Sensing of the Environment**  
An introduction to the science of remote sensing, including an exploration of the underlying physical processes, sensor types, basic image processing and information extraction. Practical examples will illustrate the breadth of fields in which remote sensing is actively used. (3,0,0)  
*Prerequisites:*  
- GEOG 117 and GEOG 127  
  or GEOG 128 and GEOG 129

GEOG 276-3-6  
**Geodatabases: Effective Data Management in a...**
Spatial World
An introduction to database structure, design and management, including information on terminology and various data models. Geodatabases, relational database design, domains, and structured query language (SQL) will be explored in detail, with examples illustrated using Geographic Information Systems. (3,3,0)

Prerequisites:
• GEOG 111

GEOG 277-3-6
Applied Geospatial Technology and Environmental Challenges
An investigation into the different technologies that dovetail with Geographic Information Systems to streamline data collection, processing, interpretation and communication. Topics include Global Positioning Systems, smartphone/pda integration, remote data collection, unmanned vehicles, webmapping interfaces, 3D geovisualization and decision support system. (3,3,0)

GEOG 278-3-3
Applied GIScience and Environmental Project Management
Learners will combine their knowledge of Geographic Information Systems, geodatabases, quantitative methods, remote sensing and other applied geospatial technology, in order to address a real-world problem. Through critical analysis students will design a major independent research project in which they will attempt to explore the problem and suggest potential solutions. The course will culminate in a summary technical report and oral presentation of how the problem was approached, highlighting the proposed solutions. (0,0,3)

Prerequisites:
• GEOG 272
• and be enrolled in the GIS stream of the Environmental Studies diploma

GEOG 298-3
Directed Studies in Geography
Students will undertake a supervised investigation or directed reading in geography. Students will produce a project proposal, progress report, and final written report. The topic will be agreed upon by the supervising faculty member and the student.

Prerequisites:
• GEOG 111 and GEOG 121
  or EESC 111 and EESC 121
  or GEOG 117 and GEOG 127
  or GEOG 128 and GEOG 129

GEOG 311-3-3
Environmental Management
This course will introduce students to the complex issues involved in environmental management. Students will study resource identification and valuation, varying management styles, monitoring issues, jurisdictional problems, the influence of social and political norms as well as globalization. Case studies will be chosen from the fisheries, forestry, protected areas, and mining sectors. (3,0,0)

Prerequisites:
• 3 credits of GEOG or EESC or third-year standing

GEOG 339-3-3
Physical Geography of Countries with Emerging Economies
This course will examine the influence of the physical geography on economic activity, and also the impacts of economic activity on the physical geography. The course focuses on the physical geography of Brazil, China and India, with occasional reference to other emerging economies, most notably Russia and South Africa. Topics may include topography, land cover, climate, climate change, water resources, pollution, rivers, coastlines, soil, urban expansion, and environmental restoration, together with other topical issue in the news. (3,0,0)

Prerequisites:
• Third year standing, or second year standing with GEOG 111 or GEOG 121.

GEOG 374-3-6
Fundamentals of GIS
This course teaches the theoretical basis as well as the practical use of Geographic Information Systems (GIS) using industry-standard software. GIS is a computer-based data processing tool used to manage and analyze spatial information. Major components of the course include gathering and manipulation of spatial and attribute data, spatial analysis, and application of GIS. Practical computer laboratory activities offer skill development. (3,3,0)

Prerequisites:
• GEOG 270GEOG 272 or third-year standing

GEOG 398-3
Directed Studies in Geography
Students will undertake a supervised investigation or directed reading in geography. Students will produce a project proposal, progress report, and final written report. The topic will be agreed upon by the supervising faculty member and the student.

Prerequisites:
• 3 credits of 200-level GEOG or EESC and permission of the instructor; or third-year standing

GEOG 498-3
Directed Studies in Geography
Students will undertake a supervised investigation or directed reading in geography. Students will produce a project proposal, progress report, and final written report. The topic will be agreed upon by the supervising faculty member and the student.

Prerequisites:
• GEOG 398
• permission of the instructor

Geophysics
Prerequisites may be waived by the Physics & Astronomy department. See prerequisite waiver.

GEOP 250-3-3
Exploration Geophysics
This course includes instrumentation, application and limitations of gravity, magnetic, electromagnetic, electrical, acoustic and seismic methods in the exploration for mineral and energy resources and in engineering applications; survey navigation. This course is also offered as EESC 250. Students with credit for EESC 250 cannot take GEOP 250 for further credit. (3,0,0)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 122
• second-year standing
• a first-year course in EESC and/or GEOG would be useful but is not required

1 minimum grade of 60 required

Gerontology

GER 01
Aging in the Nineties

GER 02
Issues in Aging

GER 03
Conditions of Aging

GER 04
Guided Independent Study

German

Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.

GERM 101-3-3
Oral Expression I
This course is intended for students who are beginners but who have had some exposure to the grammatical and syntactic elements. The course will consist of oral and aural practice, basic conversation, and vocabulary expansion exercises. Students will be expected to participate actively in group activities and to give oral presentations. (3,0,0)

Prerequisites:
• German 11 or the corequisite of GERM 111

GERM 102-3-3
Oral Expression II
This course is intended for students who have completed GERM 101 or GERM 111. It will continue the training in oral and aural skills. Students will be expected to participate actively in group activities and to give oral presentations. (3,0,0)

Prerequisites:
• German 11 or German 12 or GERM 111 or the corequisite of GERM 121

GERM 111-3-3
Introductory German I
Students will develop active and creative communicative skills in listening, reading, speaking and writing. Students will be required to complete individual and group assignments outside of scheduled class hours. (3,0,0)

GERM 121-3-3
Introductory German II
This course is a continuation of GERM 111. (3,0,0)

Prerequisites:
• GERM 111

GERM 201-3-3
Oral Expression III
This course is intended for students who have completed six credits of university-level German. It will develop students' aural and oral skills at a more advanced level. (3,0,0)

Prerequisites:
• GERM 102 or GERM 121

GERM 202-3-3
Oral Expression IV
This course will consist of oral and aural practice at a more advanced level. There will be an increased emphasis on vocabulary. (3,0,0)

Prerequisites:
• GERM 201 or GERM 211

GERM 211-3-3
Intermediate German I
Students will develop more advanced communicative skills in listening, reading, speaking and writing. This course deals with language from a variety of different areas, registers and periods. (3,0,0)

Prerequisites:
• GERM 121 or German 12

GERM 212-3-3
German Literature in Translation I
A study of great works from the Medieval period to the 20th century. This course will be given in English and a knowledge of the German language is not required. (3,0,0)

GERM 221-3-3
Intermediate German II
This course is a continuation of GERM 211. (3,0,0)

Prerequisites:
• GERM 211

GERM 222-3-3
German Literature in Translation II
A continuation of GERM 212. This course will be given in English, and a knowledge of the German language is not required. (3,0,0)

GERM 311-3-3
Advanced German I
This course continues the training in aural and oral skills and the practice of reading and writing in German to increase competency and fluency. An emphasis on grammar, German literature, and idiomatic use of the language will be included. (3,0,0)

Prerequisites:
• GERM 221

GERM 321-3-3
Advanced German II
This course consists of the continued training in aural and oral skills, and the practice of reading and writing in German to increase competency and fluency. Grammar instruction, German literature and idiomatic use of the language will be emphasized. (3,0,0)

Prerequisites:
• GERM 311

General Studies

Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

GEST 060-100 hours
General Studies 060
An introduction to themes of social studies and science which are relevant to adults. Skills in interpersonal communication are developed. A problem-solving model is used to consider local, regional and provincial issues. Critical thinking skills are emphasized as students gather and use information which will help them understand their roles in life. Strategies leading to active participation in family and community matters will be adopted.

ArcInfo GIS

Geographical Information Systems

Gastroenterology Nursing

GNC 110-28 hours
Gastroenterology Nursing Practices
This course will introduce the learner to the standards of practice, regulations and the implementation of best practice required by the gastroenterology nurse.

Only offered by Distance Education

GNC 120-36 hours
Infection Control and Environmental Safety
This course will introduce the learner to the concept of medical devise reprocessing. The learner will apply knowledge of infection control and environmental safety in the Gastroenterology setting. After completing the theory portion, the learner will observe the practice of medical device reprocessing and environmental safety in the practice area.

Only offered by Distance Education

GNC 130-56 hours
Anatomy, Physiology and Pathophysiology
This course will provide the learner the anatomy, physiology and pathophysiology knowledge required by a gastroenterology nurse to safely care of patients experiencing disease processes that affect the GI system.

Only offered by Distance Education
GNC 140-28 hours
Pharmacology
This course provides the learner with advanced knowledge of pharmacology in caring for a patient with gastroenterology disease. Nursing considerations including administration, side effects and special patient instructions will be discussed. A basic review of nutritional therapies will be included. Learners will discuss the potential for food and drug interactions in the Gastroenterology setting.

Only offered by Distance Education

GNC 150-84 hours
Diagnostic Tests and Therapeutic Procedures
This course will focus on types of procedures required for a patient that needs interventions related to the GI tract. The equipment, types of diagnostic and therapeutic procedures will be discussed including their indications and contraindications. Specimen collection and the role of the nurse in identifying abnormal results will be examined. Complications or emergencies that may arise in caring for a patient undergoing the procedures or surgeries are discussed.

Prerequisites:
- GNC 110
- GNC 120
- GNC 130
- GNC 140

Only offered by Distance Education

GNC 160-70 hours
Practicum
This practicum will provide the learner with the opportunity to integrate theory into practice at one of several accredited clinical sites. During this hands-on experience, the learner will participate in caring for patients undergoing endoscopic procedures including gastroscopy, colonoscopy and ERCP. The learner will observe quality measurements, infection control, and work-place safety.

Prerequisites:
- GNC 150

Greek

Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.

GREK 111-3-4
Introduction to New Testament Greek I
An introduction to reading and writing New Testament Greek with particular attention to grammar and vocabulary. (4,0,0)

GREK 121-3-4
Introduction to New Testament Greek II
A continuation of GREK 111. (4,0,0)

Prerequisites:
- GREK 111

Gender, Sexuality and Women's Studies

GSWS 100-3-3
Introduction to Gender, Sexuality, and Women's Studies
Formerly offered as WMST 100. Gender, Sexuality, and Women's Studies is interdisciplinary, devoted to the study of gendered identities and representation. This course provides an introduction to intersectional feminist scholarship and debates, with a particular focus on understanding gender and feminism in Canada. Topics of study include women's studies and feminist activism and alliances, masculinities, and sexualities. Students with credit for WMST 100 cannot take GSWS 100 for further credit. (3,0,0)

GSWS 201-3-3
Gender, Justice, Resistance
Gender, Justice, Resistance studies historical and contemporary sites of global social organizing and activism. We will consider the ways that feminist theories and feminist practice influence social change and resistance movements. Learners will study contemporary intersectional feminist theory in order to better understand roles and interactions in our own social environments. (3,0,0)

Prerequisites:
- GSWS 100 or permission of the department.

GSWS 202-3-3
Women and Politics
Formerly offered as WMST 202. This course provides a critical examination of women as political actors in contemporary societies. Using gender as a unit of analysis, the course will study changing societal and political roles of women, traditional and non-traditional ways of participation of women in politics, and impact of women's movements in defining the political agenda from various theoretical perspectives. This course is also offered as POLI 202. Students with credit for WMST 202 or POLI 202 cannot take GSWS 202 for further credit. (3,0,0)

Prerequisites:
• 3 credits of POLI or 3 credits of GSWS or second-year standing.

GSWS 204-3-3
Women, Crime and Social Justice
Formerly offered as WMST 204. In this course we will examine the history of women and crime and consider crime as a constructed discourse with particular gendered implications. We will examine how the Canadian criminal justice system and social control apparatus constructs women as criminals, victims and workers and how this in turn reflects and reproduces our stratified social order. This course is also offered as CRIM 204 and SOCI 204. Students with credit for WMST 204 or CRIM 204 or SOCI 204 cannot take GSWS 204 for further credit. (3,0,0)

Prerequisites:
• WMST 100
or GSWS 100
or POLI 101
or SOCI 111

GSWS 205-3-3
Fat Feminisms
This course introduces students to feminist fat studies research. Students will explore fatphobia as a form of social violence, paying particular attention to how fat oppression intersects with other systems of inequity like racism, sexism, ableism, and homophobia. Themes will include body image, weight stigma, diet culture, fat activism, body positivity, and the Health At Every Size movement. (3,0,0)

Prerequisites:
• GSWS 100

GSWS 207-3-3
Gender and Sexuality in Religion
This course provides an introduction to gender and religion through first, an intersectional feminist analysis of images of and prescribed roles for women (in particular) in the textual traditions of major religions; second, through an intersectional feminist analysis of gender, ritual and religion in practice; and third, contested/alternative gender categories and practices. (3,0,0)

Prerequisites:
• GSWS 100

GSWS 208-3-3
Reproductive Justice
This course focuses on reproductive justice in the context of “rights” and “choice” to a broader analysis of sexual, racial, economic, cultural, and structural constraints on power. Within an historical and interdisciplinary context, we will consider how sexism and misogyny, racism, classism, ableism, homophobia, transphobia, fatphobia and other forms of social oppressions shape the social experiences of sexuality and reproduction. We will discover how social justice movements and activism have engaged with these constraints, and how they have been met by the law. (3,0,0)

Prerequisites:
• GSWS 100

GSWS 210-3-3
Women in Literature
Formerly offered as WMST 210. Techniques of literary study, with emphasis on how women are represented in and have contributed to the literary tradition, will be combined with a selection of representative texts written by women. This course will examine the relationship of women’s writing to the canon of English Literature in the context of some critical and literary works. This course is also offered as ENGL 210. Students with credit for WMST 210 or ENGL 210 cannot take GSWS 210 for further credit. (3,0)

Prerequisites:
• 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

GSWS 211-3-3
Women and the Economy
Formerly offered as WMST 211. This course focuses on economic issues of particular relevance to women. Topics discussed will include women’s participation in the labour force, male-female education and income differences, discrimination, feminization of poverty, empowerment of women in developing countries, and women’s role in home production and child-rearing. This course is also offered as ECON 210. Students with credit for WMST 211 or ECON 210 cannot take GSWS 211 for further credit. (3,0,0)

Prerequisites:
• second-year standing

GSWS 213-3-3
Women in Crosscultural Perspective
Formerly offered as WMST 213. This course includes an exploration of topics from anthropology focusing on explanations, in current and historical perspective, for variations in the situation of women. This course is also offered as ANTH 213. Students with credit for WMST 213 or ANTH 213 cannot take GSWS 213 for further credit. (3,0,0)

Prerequisites:
• WMST 100
  or GSWS 100
  or ANTH 121

GSWS 215-3-3
Gender and Popular Culture
Formerly offered as WMST 215. This course examines how women are represented in a variety of genres in popular culture (for example, television, advertising, music, fiction, film and the Internet). Students will engage in an analysis of the historical, social and cultural contexts which influence the representation of women in popular culture. The social and personal implications of these representations will be explored as well as the extent to which these media can be used to provoke social and personal change. Students with credit for WMST 215 cannot take GSWS 215 for further credit. (3,0,0)

GSWS 216-3-3
Feminism and Film
Formerly offered as WMST 216. This course will explore theoretical and practical points of contact between feminism and film. It will examine various feminist approaches to the study and production of film including, but not limited to, psychoanalysis, narrative and ideological analysis as well as semiotic, material or cultural studies. Students will learn how to read film, currently one of our most powerful cultural technologies. Students with credit for WMST 216 cannot take GSWS 216 for further credit. (3,0,0)

Prerequisites:
• WMST 100
  or GSWS 100

GSWS 222-3-3
Eco-Feminism
Formerly offered as WMST 222. Eco-Feminism is based on the proposition that women and nature as configured by western philosophy are conceptually linked as feminine or female nature. This course will make visible the connections between the understanding of nature as feminine and global processes based on the control of people and resources for the sake of capital accumulation to the detriment of the natural world. Students with credit for WMST 222 cannot take GSWS 222 for further credit. (3,0,0)

GSWS 225-3-3
Men and Masculinities
Formerly offered as WMST 225. This course is a critical study of the multiple forms of oppression and privilege that are produced through interpretations, interactions and definitions of masculinity. Learners explore masculinities as maintained and reproduced on individual, cultural and institutional levels of society. Specific topics may vary but will include some of the following intersections with masculinity: sport, violence, religion and ethnicity, geography, health, crime and punishment, sexuality, education and social class. This course is also offered as SOCI 224. Students with credit for WMST 225 or GSWS 225 cannot take SOCI 224 for further credit. (3,0,0)

Prerequisites:
• WMST 100
  or GSWS 100
  or SOCI 111

GSWS 269-3-3
Studies in Sexualities
This course introduces to students to perspectives on sexualities, sexual practices and sexual identities. It explores historical and contemporary approaches to sexuality and how these intersect with gender, class, and racialization. The topics of study take into account how structural influences shape experiences and understandings of sexuality and how resistance has brought about social change. This course is also offered as SOCI 269. Students with credit for SOCI 269 cannot take GSWS 269 for further credit. (3,0,0)

Prerequisites:
• SOCI 111
  or GSWS 100
  or WMST 100

GSWS 270-3-3
Feminist Philosophy
The purpose of this course is to familiarize students with the central questions of feminist philosophy: What is oppression, how do we know who is oppressed and what should we do about it? The course works through the development of feminist thought up to and including contemporary social justice issues. This course is also offered as PHIL 270. Students with credit for PHIL 270 cannot take GSWS 270 for further credit. (3,0,0)

Prerequisites:
• second-year standing

GSWS 295-3-3
Current Topics In Women’s Studies
This course is an examination of selected topics in women’s studies including, but not limited to, history, labour, feminist theory, race and ethnicity. Consult with the department for current offerings. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• WMST 100 or GSWS 100
  or permission of department.
Health Care Assistant

HCA 101-60 hours
Interpersonal Communications
This course focuses on the development of self-awareness, increased understanding of others and the development of effective interpersonal communication skills that can be used in a variety of care-giving contexts. Students will have the opportunity to develop and use communication techniques that demonstrate personal awareness, respect, and active listening skills.

HCA 102-78 hours
Health: Concepts for Practice
This course provides students with the opportunity to develop a theoretical framework for practice. Students will be introduced to a holistic concept of health and the components of a health enhancing lifestyle. The course focuses on caring and person-centred care; basic human needs and human development; family, culture and diversity as they relate to health and healing.

HCA 103-205 hours
Personal Care and Assistance
This course provides students with the opportunity to acquire personal care skills and practice effective communication techniques within the scope of the HCA role. Students will learn basic principles associated with the provision of care, and how to provide care in a manner that promotes the safety, dignity and well-being of others.

Corequisites:
- HCA 101
- HCA 102
- HCA 104

HCA 104-78 hours
Healing: Common Health Challenges
This course introduces students to the normal structure and function of the human body and normal changes associated with aging. Students will explore common challenges to health and healing in relation to each body system. Students will also explore "person-centred practice" as it relates to common health challenges.

Concurrent Registration: HCA 106, HCA 107
1 minimum grade of P required

HCA 106-102 hours
Cognitive/Mental Health Care
This course prepares students to care for those with common cognitive or mental health conditions. The course consists of a theoretical component as well as a supervised clinical experience in a continuing care setting. Emphasis is on recognizing behaviours and identifying person-centre intervention strategies.

Prerequisites:
- HCA 101
- HCA 102
- HCA 103
- HCA 104

Concurrent Registration: HCA 105, HCA 107
1 minimum grade of P required

HCA 107-120 hours
Clinical Practice
This course consists of a supervised clinical experience in a multi-level or complex care setting. Students will have the opportunity to apply knowledge and skills from other courses to the clinical area. Emphasis will be placed on developing an understanding of the role of the Health Care Assistant within the context of the health care team.

Prerequisites:
- HCA 101
- HCA 102
- HCA 103
- HCA 104

Concurrent Registration: HCA 105, HCA 106
1 minimum grade of P required

Healthcare Services

Hearing Assistant

Helicopter Pilot

HELI 110-1.5-5
Pilot Skills Lab I
Students are introduced to flying helicopters with a...
flight instructor. The course includes pre-flight briefings and dual flying to prepare the student for solo flight. (0,5,0)

Prerequisites:

HELI 120-1.5-5
Pilot Skills Lab II
This course includes pre-flight briefings, dual and solo flying to prepare the student for the Transport Canada Flight Test. (0,5,0)

HELI 130-1.5-2.5
Pilot Skills Lab III
This course includes pre-flight briefings and dual flight instruction to prepare the student for operational skills required for employment as a commercial helicopter pilot. (0,2.5,0)

Home Inspection

History

For courses numbered 100 or higher, the prerequisite(s) may be waived by the History department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

HIST 012-80 hours
History 012
Modern world history of Britain, the USA, France, Germany, Russia, China, Japan, Afro-Asia, Latin America and the Commonwealth are studied.

Prerequisites:
- ABE SOST 011\(^1\) or ABE ENGL 080\(^1\) or Social Studies 11\(^2\) or a minimum ABLE test score of 72/80 and a Provincial Level writing sample.

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required

Also offered by Distance Education

HIST 110-3-3
Survey of the Ancient World
A survey of ancient history from the first civilizations in the Near East to the fall of Rome. It includes examinations of the ancient civilizations of Mesopotamia, Egypt, Greece and Rome. This course is intended as a basis for understanding the origins of Western Civilization. (3,0,0)

HIST 112-3-3
Canada to 1867
The contributions of the First Nations, French, English and others to the social, economic, and political development of Canada. (3,0,0)

Also offered by Distance Education

HIST 115-3-3
Contemporary World from 1900 to World War II
A survey of the decline of Europe and the emergence of the contemporary world from 1900 to World War II. (3,0,0)

HIST 116-3-3
History of Western Civilization, 1450 to 1789
A survey of the major events, systems of thought and human accomplishments which have contributed to western civilization. Study includes events dating from approximately 1450, when developments in government, science, industry, art, and philosophy began to accelerate significantly, to 1789. (3,0,0)

Also offered by Distance Education

HIST 120-3-3
Medieval Europe
An introduction to the changes in European society from the late Roman Empire to the Renaissance, with an emphasis on the Middle Ages as a dynamic era. The period saw the development of many of the institutions of modern civilization including common law, parliament and the university. Religion, family and warfare in the Middle Ages are examined. (3,0,0)

Also offered by Distance Education

HIST 122-3-3
Canada Since 1867
An introduction to the conflicts and controversies of Canadian history since Confederation, including regional and ethnic tensions, the experience of Indigenous Peoples, the clash of French-and English-Canadian nationalisms, the ordeal of fighting two world wars, and the often difficult transition to a modern nation state. (3,0,0)

Also offered by Distance Education

HIST 125-3-3
Contemporary World from World War II to the Present
A study of the main themes and problems of world history from World War II to the present time. (3,0,0)

HIST 126-3-3
History of Western Civilization 1789 to the Present
A survey of the development of Europe through the political, social and industrial revolutions that ushered in the age of European supremacy. Examination of the world wars and their impact on the decline of Europe are examined. (3,0,0)

HIST 206-3-3
Indigenous Peoples and Colonization in Canada
This course covers the history of Aboriginal-settler relations in Canada from contact to present. Topics include the impact of European contact on native peoples; the significance of native and Metis labour in the fur trade, fisheries, agriculture, and industry; the evolution of the modern treaty system and the Indian Act; and the resurgence of native and Metis activism. (3,0,0)

HIST 211-3-3
United States to 1865
An analysis of the major economic, political and social developments in America from Columbus to Lincoln. (3,0,0)

Also offered by Distance Education

HIST 216-3-3
History of British Columbia
This course surveys the social, economic, and political history of the Pacific region from the 1770s to the present. Thematic emphases include race relations, class conflict, gender identities, and institution building. (3,0,0)

HIST 218-3-3
History of Science
A survey of important events in the history of science from ancient times to the present. (3,0,0)

Prerequisites:
• 3 credits of HIST

HIST 219-3-3
History of Technology
A survey of important events in the history of technology from earliest times to the present.

Students who have received credit for HIST 215 or 225 cannot receive further credit for HIST 219. (3,0,0)

Prerequisites:
• 3 credits of HIST

HIST 221-3-3
United States Since 1865
A study of the major economic, political and social developments from the civil war to the present. (3,0,0)

Also offered by Distance Education

HIST 230-3-3
Warfare and Terrorism Since 1945
Warfare and Terrorism since 1945 is a survey of the developments in warfare and terrorism since the last year of the Second World War when most of the elements of modern warfare and conflict emerged. Topics include: nuclear warfare, conventional warfare, guerrilla warfare, special forces warfare, computer and cyber warfare, suicide weapons, and terrorism. Across these topics, terrorism will be studied as a concept that has changed over the course of history, and as a tactic that deliberately and violently targets non-combatants in order to achieve a political or religious aim. (3,0,0)

HIST 236-3-3
History of the Canadian Prairies
This course surveys the history of the Canadian Prairie region, with emphasis on the First Nations and the fur trade; the Metis; Canadian development policies; prairie settlement; and western social and political movements. Students with credit for HIST 226 or 227 cannot take HIST 236 for further credit. (3,0,0)

HIST 240-3-3
Pre-Independence Latin American History
A survey of Latin American history from the emergence of Mesoamerican and other aboriginal civilizations to the independence movements of the early 19th century. Discussion will focus on the impact of Spanish and Portuguese imperialism and colonialism on native Americans. (3,0,0)

HIST 241-3-3
Late Imperial China
This course overviews the social, cultural, economic, political, and diplomatic history of China during the Late Qing Dynasty, with particular emphasis on the impact of the opium wars and Western imperialism. Students with credit for HIST 214 cannot take HIST 241 for further credit. (3,0,0)

HIST 250-3-3
Post-Independence Latin American History
A survey of Latin American history from the early 19th century to the present. The focus will be on the major intellectual, cultural and political currents of the 19th century, and the struggle for continued development in light of the rise to power of the United States of America. (3,0,0)

HIST 251-3-3
The Chinese Republics
This course surveys the political, cultural, and social history of Modern China from 1910 to the present, with particular emphasis on the People's Republic of China and Republic of China (Taiwan) after 1949. Students with credit for HIST 214 cannot take HIST 251 for further credit. (3,0,0)
HIST 261-3-3
Modern Japan
This course provides an introduction to the social, economic and political history of Japan after 1800. Emphases include the fall of the Tokugawa bakufu, the Meiji Restoration, the rise of Japanese militarism and imperialism, the American occupation of Japan, and the impact of economic growth and decline following World War II. Students with credit for HIST 224 cannot take HIST 261 for further credit. (3,0,0)

HIST 271-3-3
Modern India
This course surveys the history of India from the sixteenth century to the present. Major themes and events in the course include the economic and political impact of British colonialism; the role of indigenous nationalist movements; independence and the subsequent partition of Indian sub-continent; the emergence of India as a major economic player; and the establishment and maintenance of a secular, democratic system in a multi-religious and multi-linguistic country. (3,0,0)

HIST 301-3-3
Reading: A Social and Technological History
From about 3200 B.C. to the present, the development of writing and reading has been driven by social and technological factors, and has in turn driven changes in these areas. The course will explain relevant theory using concrete and practical examples, and is intended to give a historical background for modern readers and writers. (3,0,0)

Prerequisites:
• Associate Degree of Arts, or 6 credits of History, or Diploma in Writing and Publishing

HIST 320-3-3
Rise of Modern Capitalism
This is a survey course on the history of modern capitalism from the voyages of exploration in the 15th century to the voyages of space exploration of the 21st century. Capitalism will be examined as a cultural and historical divergence from the norms of ancient civilizations and traditional cultures. (3,0,0)

Prerequisites:
• students must have third year standing or six History credits

Human Kinetics

Prerequisites may be waived by the Human Kinetics department. See prerequisite waiver.

HKIN 100-3-3
Personal Well-being
This course is designed to enhance college student success by exploring evidence-informed practices known to improve human health and well-being. Students will complete experiential learning tasks to develop physical, social, mental and financial well-being. Students with credit for HKIN 101 or HKIN 152 cannot take HKIN 100 for further credit. (3,0,0)

HKIN 101-3-3
Health, Fitness and Lifestyle
formerly HKIN 152 This course will critically examine contemporary health issues and health information. Students study evidence-based determinants of health and well-being. Discussion focuses on changing human behaviours to build healthy lifestyles and prevent disease. Students with credit for HKIN 152 cannot take HKIN 101 for further credit. (3,0,0)

HKIN 103-3-4
Exercise Prescription for Health
This course introduces the components of physical fitness. Students learn how to design basic fitness programs and develop fitness leadership skills. Students will experience a basic fitness appraisal and participate in a variety of exercise methods. The benefits of health-related fitness and the use of an exercise prescription will be explored. (2,2,0)

HKIN 105-3-4
Physical Literacy for Life
This course is an introduction to the components of physical literacy: the motivation, confidence, physical competence, knowledge and understanding to value and take responsibility for engagement in physical activities for life. Students learn how to improve movement skills and lead quality physical experiences. (2,2,0)

HKIN 110-3-6
Human Anatomy I for Kinesiology
This course explores the human body via the study of gross anatomy. An integrated systems approach is used to examine the nervous, muscular, and skeletal systems of the whole body and body regions. Application of knowledge enhances understanding of human movement. (3,3,0)

Prerequisites:
• Biology 11 or Life Sciences 11 or ABE BIOL 011 or Anatomy & Physiology 12 or Biology 12 or ABE BIOL 012 Anatomy and Physiology 12 is strongly recommended.

HKIN 111-3-3
Health and Human Nutrition
This course provides an introduction to scientific concepts in human nutrition. Students will learn about the function of nutrients and the effects of eating habits on health. The focus will be on helping students
to make healthy food choices based on critical
evaluation of scientific evidence. Students will have
an opportunity to complete a personal dietary
analysis. (3,0,0)

HKIN 121-3-4
Biomechanics
This course focuses on the development of forces
within muscles and their effect on initiating and
controlling human movement. Students will use a
problem-solving approach as they analyze human
movement patterns. Elementary principles of physics
and mathematics will be reviewed and numeracy skills
will be developed. (3,1,0)

Prerequisites:
• ABE MATH 011 or Principles of Math 11 or Pre-
  Calculus 11 or Foundations of Mathematics 11

HKIN 150-3-3
Sport and Exercise Psychology
formerly HKIN 231 This course introduces
psychological theories and research related to
exercise behavior and sport performance. A variety of
evidence-informed topics and techniques will help
students to improve leadership skills, sport
performance, personal well-being and adherence to
exercise programs. Students with credit for HKIN 231
cannot take HKIN 150 for further credit. (3,0,0)

HKIN 152-3-3
Personal Wellness and Community Health
This course will critically examine contemporary
health issues and health information. Students will
study the determinants of health and wellness.
Discussion will focus on changing human behaviours
to build healthy lifestyles and prevent disease. The
inter-relationship of individual, social and
environmental factors will be explored in order to
enhance personal wellness and community health.
(3,0,0)

HKIN 161-3-3
Physical Activity in Canadian Society
This course is designed to unravel myths and
stereotypes associated with physical activity. Students
will use critical thinking to examine the impact of
sport, recreation and fitness on our local and global
communities, and will engage in discussion of current
social issues. Historical, political, economic and
sociological perspectives on physical activity in
Canada will be introduced. (3,0,0)

HKIN 173-3-4
Biodynamics of Strength and Conditioning
This course is designed to introduce students to
biomechanical principles and qualitative analysis.
Students will learn functional anatomy while exploring
the movement capabilities of the human body. Active
learning will involve observation and demonstration of
a variety of common resistance training exercises,
with a focus on proper technique and safety. This
course will develop the competencies required for BC
Recreation and Parks Association (BCRPA) Weight
Training I registration. This course will require
students to engage in vigorous physical activity.
(2,2,0)

Prerequisites:
• HKIN 103

HKIN 199-0
Kinesiology Co-op Work Term

HKIN 200-3-5
Exercise Physiology
formerly HKIN 275 How does the human body
respond to the demands of exercise and sport
performance? This lecture and laboratory course
examines the acute and chronic effects of exercise on
the human body. The primary focus will be on the
adaptations of the cardiovascular, respiratory and
neuromuscular systems. Students with credit for HKIN
275 cannot take HKIN 200 for further credit. (3,2,0)

Prerequisites:
• BIOL 190
• BIOL 191

HKIN 203-3-4
Science of Strength and Conditioning
formerly HKIN 173 This course is designed to
introduce students to biomechanical principles and
qualitative analysis. Students learn functional
anatomy while exploring the movement capabilities of
the human body. Active learning will involve
observation and demonstration of a variety of
resistance training exercises with a focus on proper
technique and safety. Students with credit for HKIN
173 cannot take HKIN 203 for further credit. (2,2,0)

Prerequisites:
• HKIN 103
• HKIN 110

HKIN 205-3-3
Community Program Planning
This course helps students plan an effective physical
activity program for the local community. A unique
entrepreneurial and/or service-learning approach will
focus on a target population and specific setting within
sport, health, recreation or education. Evidence-based
methods and techniques will be explored with a
particular emphasis on behavioural interventions.
(3,0,0)
HKIN 206-3-3
Research Methods in Kinesiology
This course is an introduction to fundamental research concepts. An interdisciplinary approach includes quantitative, qualitative and mixed methods research methodologies. Learning experiences explore research ethics, research literacy, and research design with the goal of enhancing evidence-informed practices in kinesiology and allied health. (3,0,0)

Prerequisites:
- HKIN 101
- second-year standing

HKIN 215-3-3
Professionalism in Fitness and Recreation
This course introduces administrative processes and practices for entry-level professionals in the fitness and recreation industry. Topics include organizational models, scope of practice and instructor requirements, ethical and legal issues, program promotions, building partnerships, and securing resources for program sustainability. (3,0,0)

Prerequisites:
- HKIN 103 or HKIN 105
- second-year standing

HKIN 230-3-4
Motor Learning and Control
This course will introduce students to the study of human motor behaviour. It will examine factors that influence a person's ability to initiate and control a movement pattern. Students will learn how to create successful practice environments and provide effective feedback to enhance human performance. This course requires students to participate in moderate physical activity. (3,1,0)

HKIN 231-3-3
Sport and Exercise Psychology
This course is based on the study of psychology as it applies to sport and exercise. Students will learn how to create productive sport and exercise environments that will enhance psychological growth and development. A variety of mental skills training techniques will be explored to improve sport performance, personal well-being and adherence to exercise programs. (3,0,0)

Prerequisites:
- second-year standing

HKIN 241-3-4
Introduction to Athletic Injuries
This course provides students with knowledge and practical skills to reduce the risk of athletic injury. Students will learn about the field of athletic therapy and about sport safety. Common sports and exercise-related injuries will be studied. Care of these injuries will include selected wrapping and taping techniques. (2,2,0)

Prerequisites:
- HKIN 110

HKIN 250-3-3
Introduction to Health Behaviour Change
This course explores recent developments in the behavioural sciences as it applies to changing health-related behaviours. There will be a focus on building interpersonal communication skills for one-on-one and small group exercise interventions. Evidence-informed techniques will help students develop foundational competencies for exercise counselling and/or lifestyle health coaching. (3,0,0)

Prerequisites:
- HKIN 101
- HKIN 103
- HKIN 150

HKIN 261-3-3
Health, Policy and Canadian Society
This course analyzes the concept of health in relation to specific policies that address the consequences of illness and inactivity on the quality of life and well-being of Canadians. The evolution of health care and health care policy in Canada will be examined. Health promotion and social determinants of health will be discussed via the critical comparison of medical and social models of health. (3,0,0)

Prerequisites:
- HKIN 101
- second-year standing

HKIN 273-3-4
Fitness Testing and Exercise Prescription
This course covers core knowledge and applied skills to become a personal trainer. The focus is on health-related counseling strategies, fitness appraisal and exercise prescription for apparently healthy adults. Students will integrate prior knowledge from exercise physiology and the science of strength and conditioning. (2,2,0)

Prerequisites:
- HKIN 200
- HKIN 203

HKIN 275-3-4
Exercise Physiology
How does the human body respond to the demands
of exercise and sport performance? This lecture and laboratory course will examine the acute and chronic effects of exercise on the human body. Study will focus on the cardiovascular, respiratory and neuromuscular systems. This course requires vigorous physical activity. (3,1,0)

Prerequisites:
- BIOL 133

HKIN 284-3-3
Growth and Motor Development
This course develops fundamental knowledge of physical growth and motor development from a life span perspective. The student will apply this knowledge by examining the effects of physical activity on growth, development and health. Students will be challenged to develop strategies to foster optimal motor development in every individual and to promote physical activity throughout the life span. (3,0,0)

Prerequisites:
- second-year standing

HKIN 291-3-4
Applied Methods: Gymnastics and Dance
This course provides students with the knowledge and experience necessary to teach developmental gymnastics and dance lessons in the K-12 education system. Students will learn to analyze, plan, lead, and perform gymnastics and dance activities. This course requires students to participate in vigorous physical activity. (1,3,0)

HKIN 292-3-4
Applied Methods: Triathlon
Students in this course will study the endurance sport of triathlon. Students will participate in all three elements of the sport: swimming, cycling and running. The knowledge and experiences gained in this course will develop future leaders of this lifelong sport for recreational athletes in school and community settings. (1,3,0)

Prerequisites:
- ability to swim 500M continuously.

HKIN 295-3-4
Applied Methods: Basketball and Soccer
This course provides students with the knowledge and experience necessary to teach basketball and soccer lessons in the K-12 education system. Students will learn to analyze, plan, lead, and perform basketball and soccer activities. This course requires students to participate in vigorous physical activity. (1,3,0)

Heavy Mechanical Foundation

HMFP 101A-222 hours
Occupational Skills (Theory)
This course introduces learners to all the elements required to function safely in the work environment. This will include Occupational Health and Safety regulations and the use of safe environmental practices. Students will also gain an understanding of the use of electronic media, math and science principles, hand tools and welding. Assessment will be done through exams, quizzes and assignments.

HMFP 101B-98 hours
Occupational Skills (Practicum)
On completion of this course learners will be able to demonstrate knowledge of occupational skills learned in HMFP 101A and show competency in the areas of welding, lifting and supporting loads, using electronic media and operating various types of equipment in a shop environment. Assessment will be based on submitted service report, observed competency and ability to follow instructions in a safe manner.

HMFP 102A-60 hours
Brakes (Theory)
This course involves the basic principles of braking, identifying parts of the braking system and their function, and servicing of related components. The theory material will cover both hydraulic and air operated braking systems. Assessment will be done through exams, quizzes and assignments.

HMFP 102B-68 hours
Brakes (Practicum)
On completion of this course the learner will be able to demonstrate knowledge of skills learned in HMFP 102A and show competency in the areas of brake service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 103A-45 hours
Hydraulics (Theory)
This course involves the basic principles of fluid hydraulics, identifying the parts of the hydraulic systems and their function, and servicing of related components. The theory material will cover all aspects of hydraulic systems including pumps, controls and cylinders. Assessment will be done through exams, quizzes, and assignments.

HMFP 103B-19 hours
Hydraulics (Practicum)
On completion of this course the learner will be able to demonstrate knowledge of skills learned in HMFP 103A and show competency in the areas of hydraulic system service and repair. Assessment will be based
on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 104A-52 hours
**Electrical (Theory)**
This course involves the basic principles of electricity and how it applies to the Heavy Duty industry, identifying parts of the electrical system and their function, and servicing of related components. Students will also gain an understanding of schematic diagrams and their use for troubleshooting and repair. Assessment will be done through exams, quizzes and assignments.

HMFP 104B-59 hours
**Electrical (Practicum)**
On completion of this course the learner will be able to demonstrate knowledge of skills learned in HMFP 104A and show competency in the areas of electrical system service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 105A-69 hours
**Frames, Steering, Suspension and Tracks (Theory)**
This course involves the basic principles of frames, steering and suspension on wheel-driven and track driven equipment, identifying the parts of the braking system and their function, and servicing of all related components. The theory material will cover both hydraulic and air operated braking systems. Assessment will be done through exams, quizzes, and assignments.

HMFP 105B-92 hours
**Frames, Steering, Suspension and Tracks (Practicum)**
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 105A and show competency in the areas of frame, steering and suspension service and repair on both wheel-driven and track-driven equipment. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 106A-44 hours
**Trailer (Theory)**
This course involves the basic principles of trailer construction, identifying the parts of the trailer and their function, and servicing of related components. The theory material will also cover heating and air conditioning systems as they relate to trailers. Assessment will be done through exams, quizzes, and assignments.

HMFP 106B-20 hours
**Trailer (Practicum)**
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 106A and show competency in the areas of trailer service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 107A-16 hours
**Heating, Ventilation and Air Conditioning (Theory)**
This course involves the basic principles of heating, ventilation and air conditioning (HVAC), identifying the parts of the HVAC system and their function, and servicing of related components. Assessment will be done through exams, quizzes, and assignments.

HMFP 107B-16 hours
**Heating, Ventilation and Air Conditioning (Practicum)**
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 107A and show competency in the areas of HVAC service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 108A-31 hours
**Engines and Supporting Systems (Theory)**
This course involves the basic principles of diesel and gasoline engines, identifying parts of the system and their function, and servicing of related components. The theory material will also cover supporting systems such as fuel and ignition systems. Assessment will be done through exams, quizzes and assignments.

HMFP 108B-66 hours
**Engines and Supporting Systems (Practicum)**
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 108A and show competency in the areas of engine, fuel system and ignition system service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 109A-31 hours
**Powertrains (Theory)**
This course involves the basic principles of clutches, manual transmissions, automatic transmissions, drivelines and final drive assemblies, identifying parts of each system and their function, and servicing of related components. Assessment will be done through exams, quizzes, and assignments.

HMFP 109B-55 hours
**Powertrains (Practicum)**
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 109A and show competency in the areas of powertrain service and repair. Assessment will be
based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 110A-8 hours
Structural Components & Accessories (Theory)
This course involves the basic principles of structural components and accessories, identifying parts of each system and their function, and servicing of related components. Assessment will be made through exams, quizzes and assignments.

HMFP 110B-3 hours
Structural Components & Accessories (Practicum)
On completion of this course learners will be able to demonstrate knowledge of skills learned in HMFP 110A and show competency in the areas of protective structure, cab and accessory service and repair. Assessment will be based on submitted service reports, observed competency and ability to follow instructions in a safe manner.

HMFP 111-60 hours
Industry Work Placement
Learners will be assigned to an employer for a two-week period where they will have the opportunity to demonstrate their skills acquired throughout the program. Assessment will be provided by the employer and input will be given by the instructor as well.

HMFP 112-6 hours
Final Exam
This course includes curriculum review, preparation for the final exam, and completion of the Industry Training Authority Level 1 examination(s).

Home Support/Resident Care

HSRC 121C
Health & Lifestyle Choices

HSRC 122C
Safe & clean Environment

HSRC 123C
Healing - Personal Care Skills

HSRC 124C
Communication

HSRC 125C
Work Role - Intro to HS/RCA

HSRC 126C
Health/Healing-Concepts Practi

HSRC 127C
Clinical Practice:Intermediate

HSRC 128C
Theory/Clinical Practice HS

HSRC 129C
Clinical Practice: Extended

HSRC 130C
Mentally Fragile: Theory

HSRC 131C
Mentally Fragile: Clinical

Health & Social Services Core

Human Service Work

HSW 00-0
Personal Development

HSW 01-0
Human Services - Introduction

HSW 02-0
Practical Communications I

HSW 03-0
Human Growth & Development

HSW 04-0
Mental Retardation Overview

HSW 05-0
Personal Safety & Well-Being

HSW 06-0
Skills & Methods-Process Heali

HSW 07-0
Communicate with Non_Verbal

HSW 08-0
Mental Retardation Worker - P1

HSW 10-0
Behaviour Management

HSW 100-3-45
Professional Skills for Human Service Work
In this course students explore human service work practice through the introduction of values, ethics and processes that form the foundation for professional practice. Students develop and demonstrate an
understanding of professional conduct in practice settings. Topics covered include professional values, ethics, conducts and boundaries, objective report writing and strategies for self-care. (0,0,0)

Prerequisites:
- Admission to the Human Service Work Program.

**HSW 102-3-3**
**Augmentative Communication**
formerly HSW 201

This course provides an overview of strategies for assessing individual communication needs and implementing a variety of communication systems to support people who have difficulties with their speech and/or who are unable to communicate verbally. Students have opportunity to experience the practical application of several alternative and augmentative communication systems. (3,0,0)

Prerequisites:
- Admission to the Human Service Work Program

**HSW 106-1.5-1.5**
**Practicum Preparation I**

This seminar engages students in a focussed preparation for their first practicum. Human service roles, responsibilities, activities and the diverse contexts of practice are explored. Operationalizing human service values is discussed. Students will also examine the practicum learning team (student, faculty, placement agency) and the complex interpersonal processes that contribute to successful learning and performing in practicum. (0,0,1.5)

Prerequisites:
- HSW 111
- HSW 114
- SOCW 200A¹
- Permission of the department.

¹ minimum grade of 50 required

**HSW 107-3-3**
**Introduction to Mental Health**
formerly HSW 204

This course facilitates critical examination of such concepts as mental health, normalcy, and mental illness. The range of diagnostic categories, including psychotic, affective, anxiety and personality disorders is discussed, and students are encouraged to develop an understanding of the experience of mental illness. The course examines the process of effective mental health support work from a bio-psychosocial and person-in-environment perspective. (3,0,0)

**HSW 108-3-6**
**Health Care Skills**
formerly HSW 213

This course provides a theoretical and practical introduction to personal care skills that are required when working with clients with special needs who are living in community settings. The course also examines systems within the body and the components that support these systems. Students will review the application of written and oral communication, and develop processes related to giving and recording medications safely. (3,3,0)

Prerequisites:
- admission to the Human Service Work program

**HSW 111-3-3**
**Interpersonal Relationships**

In this course students develop the knowledge, skills and attitudes to communicate successfully as members of the human service team. By applying theoretical principles through specified skills, students learn to develop collaborative and positive relationships with others, listen effectively, speak assertively, and resolve conflicts. Awareness, self esteem, and personal empowerment are emphasized as important influences on interpersonal communication skills. (3,0,0)

Prerequisites:
- Admission to the Human Service Work Program

**HSW 114-3-3**
**Families**

This course introduces students to the concept of family. With links to their family of origin, students explore and discuss family development, selected concepts derived from Family Systems Theory, member roles and cultural influences. (3,0,0)

Prerequisites:
- Admission to the Human Service Work Program

**HSW 122-3-3**
**Emotional Support**

In this course students learn knowledge and develop skills to provide effective support to people who are facing emotional, social and/or behavioural challenges. The framework for developing and maintaining supportive relationships is informed by values that emphasize personal empowerment, respect, and self determination. (3,0,0)

Prerequisites:
- HSW 111
HSW 123-3-3
Foundations of Human Service Work Practice
This course introduces students to the foundation of generalist human service work practice. It summarizes the profession's historical roots, knowledge base, skills, values, mission and roles. It also examines the essential components of sound practice and problem solving processes. Students will come to understand ethical dilemmas and interdisciplinary approaches. Students with credit for SOCW 200A can not take HSW 123 for further credit. (3,0,0)

Prerequisites:
• admission to the Human Service Work program

HSW 124-3-3
Supporting Positive Change
In this course students develop skills to design effective and practical programs to support positive growth and change in people with disabilities. The focus will be on designing 'positive behavioural change strategies' for a variety of settings: home, vocational, school, community. These strategies will include teaching functional skills as well as supporting communication development and positive behavioural change. (3,0,0)

Prerequisites:
• Admission to the Human Service Work program

HSW 130-6-30
Practicum I
During this eight-week (240-hour) practicum, students provide direct and indirect support to their placement agencies' clients. In partnership with their field supervisors and HSW faculty, students apply the knowledge, skills and attitudes developed in class to their relationships with clients and colleagues. Students participate in weekly on-campus practice seminars to support their process of integrating theory, values and practice. Hours may vary from 6 to 9 hours per day during the practicum for a total of 30 hours per week. This includes a weekly three-hour on-campus seminar. (0,27,3)

Prerequisites:
• successful completion of semesters 1 and 2 of the Human Service Work program

HSW 20-0
Ment/Hand Persons in Fam & Grp

HSW 205-3-3
Groups
Participants will examine group process theory and group facilitation methods in this course. Integration of theory and practice will occur in a lab setting, as students develop and practice facilitation skills that are prescribed by group theory. Current literature will be researched and discussed, and applied to the writing of a group development proposal. (3,0,0)

Prerequisites:
• HSW 130

1 minimum grade of P required

HSW 206-1.5-1.5
Practicum Preparation II
This seminar supports students’ preparation for Practicum II. It balances continued exploration of human service roles and responsibilities with support for students to identify professional interests. Students also engage in a peer-mentoring process, sharing learning from their previous practicum experience. In addition, students will continue to engage in the complex process of integrating values, theory and practice. (0,0,1.5)

Prerequisites:
• HSW 130
• HSW 205
• HSW 210

HSW 21-0
Human Services - Advanced

HSW 210-3-3
Introduction to Child and Youth Mental Health
This course introduces mental health issues related to children and youth. Topics include specific mental health disorders seen in children and youth, causes, risk factors, and multidisciplinary assessment and intervention processes that address children and youth who experience selected mental health disorders. The course examines the process of effective mental health support work from a biopsychosocial perspective. (3,0,0)

Prerequisites:
• Admission to the Human Service Work program

HSW 211-3-3
Politics and Perspectives on Inclusion
formerly HSW 121
In this course students examine and critique historical and contemporary perceptions, attitudes and treatment of persons who experience barriers to social inclusion due to their experience of having unique abilities and limitations in relation to the able-bodied world in which they live. Several approaches are proposed for fostering inclusion with emphasis given to a "social justice" framework that emphasizes the citizenship and human rights of persons who are labeled "dis"-abled. Student will reflect on their own attitudes and values creating a personalized vision of how they will incorporate inclusion into their everyday practice. (3,0,0)

Prerequisites:
- Admission to the Human Service Work program

HSW 22-0
Matching Needs for Ment/Handi

HSW 220-3-3
Principles of HSW Practice
In this course students integrate their academic learning, practicum experience and self awareness to develop a "capstone" practice framework. This framework will summarize the values, theory and skills that inform a students' approach to professional relationships. Contemporary themes and topics will also be discussed to enrich students' knowledge base and to increase their awareness of specified fields and practice methodology. (3,0,0)

Prerequisites:
- HSW 130
- HSW 205

HSW 230-6-30
Practicum II
Practicum II is the final requirement for graduating from the HSW Diploma Program. This eight-week (240-hour) practicum supports students to continue their integration of theory, values and practice in an agency or organizational setting. Students will build upon their previous practicum experience and additional classroom learning by undertaking assigned responsibilities commensurate with their status as second-year diploma students. Hours may vary from 6 to 9 hours per day during the practicum for a total of 30 hours per week. This includes a weekly three-hour on-campus seminar. (0,27,3)

Prerequisites:
- successful completion of semesters 3 and 4 of the Human Service Work program

HSW 24-0
Leisure Time Activities II

HSW 25-0
Training Techniques II

HSW 28-0
Mental Retardation Worker-PIII

Horticulture

HT 11-30 hours
Botany and Soil Science
An overview of basic Botany and Soil Science as they relate to landscaping and the use of ornamental plants. Also discussed are the topics of horticulture training, computers in horticulture and the structure of the ornamental horticulture industry in B.C.

HT 12-30 hours
Plant Identification
The identification, choice and use of common landscape plants for the interior of B.C. is covered. Also discussed are plant classification, nomenclature, hardiness, and the use of identification keys.

HT 13-30 hours
Landscape Construction
Various aspects of landscape design and construction are discussed, including site analysis, designing the plan, plant selection, plant reading and costing, contract procedures, site works, automatic irrigation systems and their installation, layout, planting and turf grass installation.

HT 14-30 hours
Landscape Maintenance
Integrated Pest Management, pruning, cultivating, mulches, fertilizing, watering and turf grass management are the major topics covered. Equipment choice and use are also discussed.

Mathematics

IALG 011-112 hours
Introductory Algebra 011
This course prepares students for further study in algebra. Topics include operations with real numbers, first-degree equations, polynomials, factoring, graphing and interpreting linear equations, systems of linear equations, fractional expressions and equations, radical expressions and equations, quadratic equations and trigonometry.

Prerequisites:
- ABE MATH 070¹ or ABE MATH 072¹ or Level 5 on the MSI (Math Skills Indicator).

¹ minimum grade of 60 required
Also offered by Distance Education

College Studies (Introduction)

Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

ICS 099-25 hours
Introduction to College Studies
This non-credit course is an introduction to the knowledge, skills, and attitudes that contribute to student success in college. Students are invited to explore and apply strategies to enhance their personal management and learning skills and to learn to effectively use Okanagan College resources. A mentorship component is included.

Infrastructure and Computing Technology

ICT 111-3-5.5
Computer Components and Peripherals
This course is an introduction to the technologies and terminologies of PC computer and Operating Systems. Computer components and their interactions are examined as well as the configuration and management of a workstation operating system. Special emphasis is given to PC components, peripheral data storage, disk management, file systems, boot process, operating system configuration and basic scripting. This course is also offered as ELEN 115. Students with credit for ELEN 115 cannot take ICT 111 for further credit. (3,2.5,0)

ICT 112-3-5.5
Computer Programming I
This course is an introduction to the design, implementation, and understanding of computer programs. Topics include problem solving, modeling, algorithm design, and abstraction, with the emphasis on the development of working programs. This course should be followed by COSC 121. Students with credit for COSC 111 cannot take ICT 112 for further credit. (3,2.5,0)

Prerequisites:
- admission to the Electronic Engineering Technology program, or the Infrastructure & Computing Technology program, or the Computer Information Systems diploma or degree program.

ICT 113-3-5
Voice and Data Communications Infrastructure
Focusing on the physical connectivity elements of voice and data networks, this course provides an understanding of world-wide cabling standards, physical media, methods of troubleshooting, network documentation, cable management, fundamentals of telephony, and workplace safety. In the lab, students will create a voice and data network infrastructure, including key telephone switching equipment. (3,2,0)

ICT 117-3-5.5
Networks and Telecommunications I
This course introduces the theory and practice of modern telecommunications with an emphasis on the TCP/IP (Transmission Control Protocol/Internet Protocol) stack. Students will learn to install and troubleshoot the electronic components necessary for telephony and data communications. Students with credit for COSC 118 or COSC 218 cannot take ICT 117 for further credit. (3,2.5,0)

ICT 123-3-5.5
Network Applications of Analog and Digital Systems
Learners will explore analog and digital concepts involved in the interconnection of electronic equipment. Fundamental electrical principles will be studied in DE electrical circuits. Methods for representing analog data in digital form will be studied with emphasis on current telecommunications and industrial networking technology. (3,2.5,0)

Prerequisites:
- ICT 113

ICT 124-3-5.5
Desktop Applications Programming
In this course students will use high-level programming languages to write routines for automation, user interaction and data manipulation. Dynamic data exchange between applications and OLE (Object Linking and Embedding) automation will be explored. Database theory is introduced. Students will program a desktop database engine into a stand-alone application. (3,2.5,0)

Prerequisites:
- COSC 111

ICT 127-3-5.5
Local Area Network Management
This course introduces students to various operating systems and their characteristics as both clients and servers in a networked environment. Emphasis is given to user and resource management, security, and dissimilar environments. (3,2,5,0)

Prerequisites:
- ICT 111
- ICT 117
ICT 128-3-5.5  
Scripting for Network and System Administrators  
Shell Scripting is the foundation for efficiently and effectively administering a growing number of operating systems and software products. Building on knowledge of general programming structures, this course will teach students to create and maintain scripts that automate day-to-day server and workstation functions. Students will be provided with a full-featured interactive command line environment. Upon successful completion, students will be able to automate administrative tasks utilizing both user-created and built-in scripts, as well as understand and implement security mechanisms provided within the operating system environment. Credit will not be given for both ICT 128 and ICT 228. (3,2.5,0)  
Prerequisites:  
• ICT 112 or COSC 111  
Corequisites:  
• ICT 127

ICT 129-3-4  
Project Management for Network and System Administrators  
In this course, students learn to manage time, plan tasks and evaluate progress within an Information Technology project lifecycle. Various methodologies and software will be compared and contrasted. Documentation will be defined and produces, including: proposals, definitions, status reports and final deliverables. Blended theory and practice will enable students manage all aspects of a system design and development project. (2,2,0)  
Prerequisites:  
• ICT 117  
• CMNS 113

ICT 137-3-5.5  
Routing and Switching I  
This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. (3,2.5,0)  
Prerequisites:  
• ICT 117

ICT 199-3-60  
Topics in Internetworking  
Students will work on various all-day projects that relate to practical scenarios and problems in the industry such as fault tolerance, redundancy, interaction between dissimilar systems and network management. This course is offered 6 hours per day after the winter semester final exam period. (30,30,0)  
Corequisites:  
• ICT 127  
• ICT 137  
• ICT 129

ICT 207-3-5.5  
Enterprise Telecommunications  
Students will learn to install, configure and maintain modern enterprise telecommunications systems. Topics will range from fundamental switching concepts through to advanced call handling applications, IVR and IP based trunking. This will provide students with a vendor neutral enterprise telecommunications skill set. Upon completion, students should display the ability to work with a variety of systems, and the ability to use vendor technical manuals in all related tasks. (3,2.5,0)  
Prerequisites:  
• ICT 123  
• ICT 137

ICT 211-3-5.5  
Virtualization for Enterprise System Administrators  
This course examines the implementation of virtualization to support an enterprise environment. Students will learn how virtualization can consolidate workloads, improve equipment utilization, and apply resources on demand. Virtualization will be used to support desktop environments and enable dynamic provisioning in a cloud infrastructure. (3,2.5,0)  
Prerequisites:  
• ICT 127

ICT 212-3-5.5  
Cybersecurity Analysis  
This course introduces the student to an analytics-based approach to cybersecurity operations. It teaches core security skills needed for monitoring, detecting, investigating, and responding to security events. Industry-standard technologies, tools, regulations, and frameworks are applied to prepare for, monitor, detect, investigate, analyze and respond to security incidents. Theoretical concepts are practically applied to develop skills for securing and protecting an organization’s data, systems, and applications. (3,2.5,0)  
Prerequisites:  
• ICT 127
• ICT 137

Corequisites:
• ICT 219

ICT 214-3-5.5
Database Development
This course introduces the power and versatility of client/server database systems. An in-depth look at database connectivity standards and various SQL dialects will allow students to write nested query structures and develop sophisticated end-user applications based on client/server technologies. This course complements ICT 215. (3,2.5,0)

Prerequisites:
• ICT 124

ICT 215-3-5.5
Intranet Technologies I
This course focuses on the commercial use of intranets and the Internet. Students will learn how to set up FTP (file transfer protocol), World Wide Web and commerce servers, and link them to remote databases. An introduction to HTML (hypertext markup language) and active content programming will allow students to build online interactive solutions for integrated corporate information needs. (3,2.5,0)

Prerequisites:
• ICT 124

ICT 217-3-5.5
Routing and Switching II
This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. WAN technologies and network services required by converged applications in a complex network are also discussed. Students will be able to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with data link protocols, OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement virtual private network (VPN) operations. (3,2.5,0)

Prerequisites:
• ICT 137

ICT 218-3-5.5
Client and Server Security
In this course students learn the fundamentals of network system security and gain insight into the issues behind securing a network system on the Internet. Students will develop a framework for an enterprise security policy and learn to install, configure and maintain applications to enforce this security policy. This course covers a comprehensive overview of security technologies and best practices with particular emphasis on hands on skills in the following areas: firewalls, client and server security, antivirus and malware protection, products, setup and troubleshooting. (3,2.5,0)

Prerequisites:
• ICT 127

ICT 219-3-5.5
Linux Server Management
This course builds on the concepts introduced in ICT 127 with specific emphasis on open source operating systems and tools. Students will study installation and configuration of servers, user and file management, performance tuning, backup and recovery. (3,2.5,0)

Prerequisites:
• ICT 127

Interior Design

Dental Reception (Introduction)

Interdisciplinary Studies

IDST 101-3-3
Resistance and Revolution in the Colonial Period
This course provides students with an interdisciplinary introduction to the theory and practice of resistance and revolution through specific historical case studies from the colonial period. From this interdisciplinary approach, topics include the application of critical theories of power, class, gender, race, and sexuality as well as social movement theories and cultural critique. (3,0,0)

IDST 102-3-3
Resistance and Revolution in the Neocolonial Period
In this course students will continue their interdisciplinary study of the theory and practice of resistance and revolution. This course will investigate how resistance and revolution have changed in the postcolonial period and in response to increasing globalization. By employing social movement theory and cultural critique students will investigate a variety of historical and contemporary instances of resistance. (3,0,0)

Prerequisites:
• IDST 101
IDST 200-3-3
Psychosocial Cultural Challenges Across the Lifespan
This course examines psychological and social conflicts that arise across the lifespan as the individual encounters people and institutions during the course of development. Taking an interdisciplinary approach, common psychological and psychosocial issues facing those who practice in fields of social service will be addressed with the aim of understanding both the etiology of psychosocial conflicts and their personal and societal consequences. Social factors of culture and institution (such as family, school, community, government, law enforcement, media) are assessed for their effects on identity and behavior. (3,0,0)

Prerequisites:
• second-year standing

IDST 201-3-3
Strategies of Resistance and Revolution
In this course students engage in an interdisciplinary analysis of the strategies of resistance and revolution through readings, films, lectures, and classroom discussions. Special emphasis will be placed on the evaluation of the effectiveness of various methods and tactics used to achieve social change. (3,0,0)

Prerequisites:
• IDST 102

IDST 202-3-3
Praxis of Resistance and Revolution
In this course students apply theories and methods of resistance in the real world through hands-on community based group projects. Projects are designed by students in consultation with faculty and will be aimed at promoting social, political, and economic justice in the broader community. (3,0,0)

Prerequisites:
• IDST 201

IDST 400-3-3
Professional Codes of Ethics
This course reviews codes of ethical practice across a number of professions, professions that have a role in social service, medicine and mental health, law enforcement and the judicial system, government, education. Relevant and current codes of ethical practice will be reviewed and set in the context of both prominent ethical theories and challenges of professional practice. Students will explore ethical dilemmas that confront professionals as they perform their responsibilities, and will learn how to use ethical decision-making while they come to understand issues of regulation and professional practice standards. (3,0,0)

Prerequisites:
• third-year standing

Conveyancing and Litigation

Interior Decorating

IND 01-15 hours
Introduction to Interior Decorating
This course is an overview of interior decorating and how these basics combine through a logical process to achieve a harmonious decorative scheme. Students will analyze decorating styles throughout history and gain knowledge of form, function, harmony and unity in a decorating plan. Students will also learn the steps necessary before hands on planning begins.

IND 02-15 hours
Working With Floor Plans
Students will learn to accurately measure a room and transfer these measurements to a floor plan, study the basics of the room plan as the first step in the process of a complete room design and draw floor plans to scale, determine traffic flow, balance points, room axis and focal points.

IND 03-18 hours
Perspective Drawing
Perspective drawing brings ideas to life, enables effective visualization and communication of design on paper. Students will learn to represent objects and space realistically by creating the impression of three dimensions on a two-dimensional surface. Projects will include sketching and drafting of interior space and furnishings, using one- and two-point perspectives.

IND 04-9 hours
Drawing and Colour Rendering
From simple freehand sketches to detailed coloured renderings, drawings allow us to record our ideas, express our creativity and communicate our designs to our clients. Students will discover how line, tone, shadow and colour, provide ordinary drawings with mood and feel. Artistic ability is a plus, but anyone with a desire to learn and a willingness to practice will succeed.

IND 05-30 hours
Using Colour in Your Home
Colour is one of the most important elements in creating a successful interior decor. Students will gain a thorough and practical understanding of colour theory by exploring the properties, harmonies and effects of colour, not only in the space being decorated, but also as seen by the viewer. Students will learn how appropriate lighting affects colour. Students will also gain confidence and the ability to
accurately analyze and coordinate colour schemes by painting a colour visual chart and working with related and complementary colours.

**IND 06-15 hours**  
**Fabrics and Furnishings**  
This course will explore various choices of furniture styles and how to mix them, properties of fabrics, estimating yardage and the world of soft and hard window coverings - from curtains to draperies and blinds to shutters.

**IND 07-21 hours**  
**Lighting, Accessories and Art**  
Effective use of lighting and accessories has always played an important role in interior decorating. It may be the focal point or inspiration for a décor theme or act as an accessory. In this course, students will learn to create an effective lighting plan that will enhance and unify other elements within a space.

**IND 08-15 hours**  
**Materials for Surface Finishes**  
This course covers floor, ceiling, wall treatments and how to choose the right surface. Function, esthetics and budget considerations will be examined. The course will include examples of use in rooms and estimating for cost and quantity.

**IND 09-24 hours**  
**The Final Project**  
This course will allow students to apply their skills and knowledge by developing and completing a presentation in an individual residential design project. Emphasis will be on concept, budget, function, esthetics, visual communication and self-evaluation of the student's work.

**Indigenous Studies**

*Prerequisites may be waived by the Interdisciplinary Studies department. See prerequisite waiver.*

**INDG 100-3-3**  
**Introduction to Indigenous Studies**  
This course introduces students to historical events, concepts, and interactions critical to understanding Indigenous peoples worldwide. Students will develop critical skills in comparative analysis and synthesis and examine the merits of cross-cultural understanding and cultural and national diversity. Students with credit for ABST 100 cannot take this course for further credit. (3,0,0)

**INDG 201-3-3**  
**Okanagan Indigenous Peoples’ History**  
This course introduces the Okanagan oral system of recording events and shows how history is one facet of the oral system. Okanagan historical stories, testimonies, and practices are examined with reference to the sources, methodologies, and perspectives of the disciplines of history and anthropology. (3,0,0)

**Prerequisites:**  
- second-year standing

**INDG 202-3-3**  
**Okanagan Concepts and Frameworks**  
This course provides an overview of significant Okanagan peoples' concepts and social institutions and their application in traditional and contemporary Okanagan life. Dynamic Okanagan evolutionary and systemic concepts reveal an experiential, or practiced, understanding of complex ecological, systemic, spiritual, and psychological relationships between the Okanagan people and the world. (3,0,0)

**Prerequisites:**  
- second-year standing

**INDG 203-3-3**  
**Indigenous Historical Perspectives**  
This course examines Indigenous societies as they existed in pre-contact times and continued on their own terms, seizing the opportunities of the fur trade and other industries, anticipating and responding to government policies, and fashioning a resurgence of identity and political activity. The oral system of historical documentation, Indigenous stories, testimonies, and other evidence, are critically examined with reference to the sources and methodologies of the disciplines of history and anthropology. (3,0,0)

**Prerequisites:**  
- second-year standing

**INDG 204-3-3**  
**Indigenous Concepts and Frameworks**  
This course provides an overview of significant Indigenous concepts and social institutions and their application in traditional and contemporary Indigenous community life. Oral traditions and histories are used to provide the conceptual and metaphorical frameworks of understanding with regard to kinship, economics, spiritual relationships and ways of knowing. (3,0,0)

**Prerequisites:**  
- second-year standing

**INDG 295-3-3**  
**Special Topics in Indigenous Studies**  
This course is an examination of selected topics in Indigenous Studies including, but not limited to,
governance, systems theory, medicine, equity and activism. Consult with the department for current offerings. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• INDG 100 or permission of department.

IP Collision Repair Refresher
IP Auto Refinishing Refresher
IP Cook Training Refresher

IPCO 101-20 hours
Human Resources Development I
This course introduces the student to basic kitchen management policies, interpersonal and communication skills.

IPCO 102-20 hours
Vegetable & Starch Cookery I
This course introduces the student to the many different preparations for vegetables and starches.

IPCO 103-20 hours
Meat & Poultry Cookery I
This course introduces the student to the proper cooking methods for meat and poultry.

IPCO 104-20 hours
Seafood Cookery I
This course introduces the student to the proper cooking methods for fish and shellfish.

IPCO 105-30 hours
Stocks, Soups and Sauces I
This course introduces the student to making stocks, soups and sauces as required by industry standards.

IPCO 106-20 hours
Meat, Poultry and Seafood Cutting I
This course introduces the student to the proper cutting techniques for beef, pork, lamb, veal, fish and shellfish.

IPCO 107-20 hours
Garde Manger I
This course introduces the student to all aspects of the cold kitchen including sandwiches, salads, buffet platters and butchery.

IPCO 108-20 hours
Baking, Pastry and Desserts I
This course introduces the student to the many aspects of a commercial bakery including yeast breads, quick breads, and pastries.

IPCO 109-20 hours
Basic Food Service and Kitchen Management I
This course introduces the student to basic kitchen mathematics, food cost and menu preparation.

IPCO 110-20 hours
Safety, Sanitation and Equipment I
This course introduces the student to the safety rules in the kitchen as set out by the WCB (Workers’ Compensation Board), FOODSAFE, and equipment identification.

IPCO 111-10 hours
Healthcare and Nutrition I
This course introduces the student to basic personal healthcare and basic understanding of nutrition.

IPCO 112-20 hours
Egg & Breakfast Cookery I
This course introduces the student to egg cookery and breakfast service.

IPCO 201-20 hours
Human Resource Development II
This course introduces the student to advanced management including interviewing, resume writing, and employee relations.

IPCO 202-20 hours
Vegetable & Starch Cookery II
This course introduces the student to the many advanced preparations for vegetables and starches.

IPCO 203-20 hours
Meat & Poultry Cookery II
This course introduces the student to the advanced cooking methods for meat and poultry dishes.

IPCO 204-20 hours
Seafood Cookery II
This course introduces the student to advanced cooking methods for fish and shellfish.

IPCO 205-30 hours
Stocks, Soups and Sauces II
This course involves the student to making stocks, specialty soups and sauces as required by industry standards.

IPCO 206-20 hours
Meat, Poultry and Seafood Cutting II
This course introduces the student to the advanced cutting techniques for beef, pork, lamb, veal, fish and shellfish.
IPCO 207-20 hours
Garde Manger II
This course introduces the student to showpieces, lard sculpting, advanced salad and salad dressings, canapes and cold hors d’oeuvres.

IPCO 208-20 hours
Baking, Pastry and Desserts II
This course introduces the student to the many aspects of a commercial bakery including fancy tortes, creams and pastries.

IPCO 209-20 hours
Basic Food Service and Kitchen Management II
This course introduces the student to advanced kitchen mathematics, food costing and menu preparation.

IPCO 210-20 hours
Safety, Sanitation and Equipment II
This course introduces the student to the safety rules in the kitchen as set out by the WCB (Workers’ Compensation Board), FOODSAFE, and Equipment identification.

IPCO 211-10 hours
Healthcare and Nutrition II
This course introduces the student to basic personal healthcare and basic understanding of nutrition.

IPCO 212-20 hours
Egg & Breakfast Cookery II
This course introduces the student to egg cookery, breakfast service, brunch production, and breakfast meats.

IPCO 300-480 hours
Four-month Paid Work Term
Students will be placed into a paid work term in various locations through the Province of BC.

Inclusion Support

IPSE 001-110 hours
IPSE Inclusion Support
This individualized course will support students to achieve their academic, social, and employment goals in the Inclusive Post-Secondary Education Program (IPSE). An Inclusion Facilitator will work with students to set academic goals and clarify assignment modifications; identify goals for participation in student life and connect with peer support; set employment goals and plan and conduct a job search. For some students, an on-campus work-experience placement may also be appropriate. Students will repeat IPSE 001 for each term of the IPSE Certificate.

Prerequisites:

• Acceptance into the IPSE Program

Individualized Support Worker

Japanese

Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.

JAPN 111-3-4
Basic Japanese I
This is an introductory course in the grammar and usage of modern Japanese. Students will be encouraged to develop basic reading, writing, speaking and listening skills in practical contexts. Students are expected to write the hiragana and katakana syllabaries and 50 basic Chinese characters. This course is not suitable for native speakers of Japanese. Students are required to complete weekly computer language labs outside of scheduled class hours. (3,1,0)

JAPN 112-3-4
Basic Japanese III
This course further develops reading and writing skills through the study of grammar and composition, and the reading of short texts. Listening and speaking skills are developed using a variety of media emphasizing contemporary Japanese culture. Students will be required to complete weekly computer language labs outside of scheduled class hours. (3,1,0)

Prerequisites:

• JAPN 121 or Japanese 12

1 minimum score of 80 required

JAPN 121-3-4
Basic Japanese II
This course is a continuation of JAPN 111. It is not suitable for native speakers of Japanese. Students will be required to complete weekly computer language labs outside of scheduled class hours. (3,1,0)

Prerequisites:

• JAPN 111 or Japanese 12

1 minimum score of 80 required

JAPN 122-3-4
Basic Japanese IV
This course is a continuation of JAPN 112. By the end of this course, the student will be expected to have mastered the basics of Japanese grammar and to
have developed speaking and listening skills enabling basic communication in Japanese. Students will be required to complete weekly computer language labs outside of scheduled class hours. (3,1,0)

Prerequisites:
• JAPN 112

JAPN 211-3-5 Intermediate Japanese I
This course introduces intermediate-level grammar and usage patterns in the context of the Japanese workplace. Topics include honorifics in the benefactor-recipient relationship, media and telecommunications, and job applications and resumes. Approximately 75 new kanji are introduced. This course will be of interest for students pursuing careers in business, international relations, tourism and government. (3,2,0)

Prerequisites:
• JAPN 122

JAPN 221-3-5 Intermediate Japanese II
A continuation of JAPN 211. (3,2,0)

Prerequisites:
• JAPN 211

Litigation (online)

LAA 100-60 hours Litigation Procedures I
Litigation Procedures I is an introduction to the functions and duties of a legal administrative assistant working in civil litigation in BC. Subjects covered will include terminology and rules relating to preparing and handling legal correspondence and documents in civil litigation actions and matters in the Supreme Court of BC. The legal concepts necessary to a basic understanding of the functioning of the courts will also be introduced.

Prerequisites:
• LSEC 116 or LAA 116 and LAA 145

Only offered by Distance Education

LAA 101-60 hours Litigation Procedures II
Litigation Procedures II builds on skills and knowledge from Litigation Procedures I. Subjects covered include terminology and rules relating to preparing and handling legal correspondence and documents in civil litigation actions and matters in the Supreme Court of BC. Litigation Procedures II continues the introduction to the legal concepts necessary to a basic understanding of the functioning of the courts and the professional environment that students will be entering.

Prerequisites:
• LAA 100
• LAA 116
• LAA 145

Only offered by Distance Education

LAA 112-60 hours Family Litigation Procedures
Family Litigation Procedures introduces the student to the functions and duties of a legal administrative assistant working in a family law practice in BC. Subjects covered include legal terminology, the applicable provincial and federal statues, the court system, and the theory and practical application of preparation of legal correspondence, undefended and defended divorces, and separation and marriage agreements.

Prerequisites:
• LAA 100
• LAA 116
• LAA 145

Only offered by Distance Education

LAA 116-45 hours Legal Office Procedures
Legal Office Procedures introduces the student to the legal progression, including he functions and duties of the legal administrative assistant in British Columbia. Topics covered will include legal terminology, legal office procedures, precedents, preparation of correspondence and basic legal documents, legal record keeping and billing, citations, references to Acts.

Only offered by Distance Education

LAA 120-60 hours Personal Injury
Personal Injury Litigation introduces the student to the specific area of civil litigation in British Columbia that deals with personal injury lawsuits. Subjects covered include terminology and rules relating specifically to personal injury lawsuits. The student will also receive basic instruction in the legal concepts applicable to personal injury litigation.

Prerequisites:
• LAA 100
• LAA 101
LAA 140-60 hours
Conveyancing Procedures I
This course introduces the student to the role and responsibilities of a legal administrative assistant working in the field of corporate law. Through an overview of the various forms of business organizations with a focus on the corporation, this course covers incorporation procedures, post-incorporation procedures, and annual maintenance requirements of a private (non-reporting) British Columbia company.

Prerequisites:
- LAA 116
- LAA 145

Only offered by Distance Education

LAA 141-60 hours
Conveyancing Procedures II
This course introduces the student to the role and responsibilities of a legal administrative assistant employed in the field of conveyancing in British Columbia.

Prerequisites:
- LAA 116
- LAA 140
- LAA 145

Only offered by Distance Education

LAA 145-30 hours
Introduction to the Canadian Legal System
The primary purpose of this course is to provide the student with a general understanding and a working knowledge of the Canadian legal system.

Only offered by Distance Education

LAA 152-60 hours
Corporate Procedures I
Corporate Procedures I is an introduction to the role and responsibilities of a legal administrative assistant working in the field of corporate law. Through an overview of various forms of business organizations, with a focus on the corporation, this course covers incorporation procedures, post-incorporation procedures, and annual maintenance requirements for a private (non-reporting) British Columbia company.

Prerequisites:
- LAA 116
- LAA 145

Only offered by Distance Education

LAA 153-30 hours
Corporate Procedures II
Corporate Procedures II covers corporate structure and completion of filing forms as it relates to sole proprietorships, partnerships, limited partnerships, societies, cooperatives, non-reporting companies and extra-provincial non-reporting companies. The course also provides an introduction to securities and to BC OnLine (an Internet access to government services and information about BC companies).

Prerequisites:
- LAA 116
- LAA 145
- LAA 152

Only offered by Distance Education

LAA 160-60 hours
Wills and Estates
Wills and Estates is an introduction to the role and responsibilities of a Legal Administrative Assistant employed in the field of wills and estates in British Columbia. Students will gain knowledge and practical experience in preparation of wills and codicils and the documents necessary to apply grants of Letters Probate and Letters of Administration (with and without a will). Administration Bonds, transferring the deceased's assets, and winding up estates.

Prerequisites:
- LAA 116
- LAA 145

Only offered by Distance Education

Law

Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

LAW 012-80 hours
Law 012
An introduction to legal principles and their applications. Topics include the judicial system, civil rights, family law, citizenship, labour relations, wills and insurance.

Prerequisites:
• ABE SOST 011\(^1\) or ABE ENGL 080\(^1\) or Social Studies 11\(^2\) or a minimum ABLE test score of 72/80 and a Provincial Level writing sample.

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required

**Learner Centred Instructor**

**LCI 101-10 hours**  
**Building a Learner Centred Culture**  
At the conclusion of the LCI 101 course learners will be able to: - Describe adult learning styles and processes - Conduct a pre assessment to establish learner understanding and expectations - Create an engaging, learner-centred environment - Establish a learning community of practice

Only offered by Distance Education

**LCI 102-10 hours**  
**Instructional Planning**  
At the conclusion of the LCI 102 course learners will be able to: - Create a detailed course outline - Develop the ability to formulate learner-centred learning outcomes - Develop a series of learner centred lesson plans that reflect the seven undergraduate teaching principles

Only offered by Distance Education

**LCI 103-10 hours**  
**Teaching Techniques**  
At the conclusion of the LCI 103 course learners will be able to: - Describe effective teaching strategies - Design and conduct micro lessons - Share feedback on instructional practices - Use direct and indirect classroom management techniques

Only offered by Distance Education

**LCI 104-10 hours**  
**Multi Media and Technology**  
At the conclusion of LCI 104 course learners will be able to: - Plan the use of instructional media to meet learner needs - Effectively use a variety of instructional media and technology - Demonstrate an understanding of learning platforms and their use to enhance face to face and distance learning.

Only offered by Distance Education

**LCI 105-10 hours**  
**Learning Assessment and Course Evaluation**  
At the conclusion of the LCI 105 course learners will be able to: - Design a learning assessment plan - Design a course evaluation plan

Only offered by Distance Education

**LCI 106-10 hours**  
**Instructional Evaluation and Development**  
At the conclusion of the LCI 106 course learners will be able to: - Reflect on the effectiveness of their instructional skills - Actively participate in a mentor in learning activities - Participate in two peer observations - Develop an action plan to manage their own learning

Only offered by Distance Education

**Leading in a Learner-Centred Organization**

**Leadership Skills**

**LSC 111-30 hours**  
**Approaching Leadership**  
This course learners explore effective leadership and develop an understanding of what makes an effective leader and the tools required. Learners will determine their personal leadership style and develop their leadership vision.

**LSC 112-30 hours**  
**Building High Performance Teams**  
This course emphasizes the development of leadership strategies and includes topics such as engagement, motivation, innovation, teamwork, communication and conflict management skills.

**LSC 113-30 hours**  
**Managing for Performance**  
This course develops the student's awareness and understanding of the leadership skills required to develop and manage high performance employees. This includes goal setting, planning, and time management. Human resource topics addressed include human relations, hiring techniques, and performance management.

**Legal Administrative Assistant**

**LSEC 101-120 hours**  
**Advanced Litigation**  
This course includes Supreme Court Rules research, statute law, case law and law library research. Students will prepare legal documents involving enforcement of court orders, Small Claims actions, and foreclosures.

6 hours per day.
Prerequisites:
• LSEC 117

LSEC 110-90 hours
Introduction to Family Law

LSEC 111-90 hours
Advanced Family Law

LSEC 112-138 hours
Family Law
This module includes law office procedures, correspondence and accounts, research in the Divorce Act of Canada and the BC Family Relations Act. Students will prepare agreements and other documents in family law including undefended divorce actions. This course also includes theory and documents required in contested divorce actions, adoptions, property agreements, and interlocutory applications for custody, support and access.

6 hours per day

Prerequisites:
• LSEC 101

Also offered by Distance Education

LSEC 117-120 hours
Introduction to Litigation
This course includes basic litigation correspondence, accounts and documents. Students will also examine criminal/civil theory, court structure, and plaintiff and defendant actions. 6 hours per day

Prerequisites:
• LSEC 116

Also offered by Distance Education

LSEC 116-30 hours
Litigation Legal Office Procedures
This course is an introduction to office procedures for litigation law firms. Students will learn the role of legal administrative assistants, law office procedures, precedents, correspondence, documents, record keeping, accounts, terminology, citations, and confidentiality as they relate to the legal profession. 6 hours per day.

Prerequisites:
• admission to the Legal Administrative Assistant Litigation program

Also offered by Distance Education

LSEC 120-60 hours
Personal Injury
This course utilizes the knowledge and documentation completed in Introductory and Advanced Litigation and includes additional theory, correspondence and documentation pertaining to the specific area of motor vehicle accident claims and personal injuries. The students will also research the appropriate statutes and study insurance law.

6 hours per day

Prerequisites:
• LSEC 101

Also offered by Distance Education

LSEC 130-60 hours
Litigation Law Office Practicum
Students who have successfully completed all other courses in the Legal Administrative Assistant - Litigation program will participate in a two-week practicum in a law office to apply skills and knowledge acquired in the Litigation Certificate Program. 6 hours per day.

Prerequisites:
• LSEC 101
• LSEC 112
• LSEC 116
• LSEC 117
• LSEC 120
• all other courses in the program

Also offered by Distance Education

LSEC 131-60 hours
Law Office Practicum
The student will participate in a two-week practicum in a law office to apply skills and knowledge acquired in course work. 6 hours per day.

Prerequisites:
• LSEC 140
• LSEC 141
• LSEC 145
• LSEC 152
• LSEC 160

Also offered by Distance Education

LSEC 140-132 hours
Introduction to Conveyancing
This course includes theory, correspondence, memoranda, accounts, statements of adjustments, basic Land Title Office searches, forms and other related documents. The students will also research numerous Acts including the Land Title Act, the Land Title and Survey Authority Act, and understand and
prepare Land Title Office electronically-registered forms when acting on behalf of a buyer-financed purchase, and on behalf of a seller when selling a property.

Prerequisites:
- LSEC 145

LSEC 141-120 hours
Advanced Conveyancing
This course is a continuation of LSEC 140 and includes additional theory, correspondence and documentation relating to land titles, searches, various mortgage types, strata titles, subdivisions, manufactured homes, and additional statements of adjustments. Students will also research pertinent Acts, understand and prepare Land Titles Office electronically-registered forms including builder’s liens, judgements, discharges, Agreements for Sale, Rights of Way and Modifications. 6 hours per day

Prerequisites:
- LSEC 140

LSEC 150-90 hours
Intro to Corporate Commercial

LSEC 151-90 hours
Advanced Corporate Commercial

LSEC 152-120 hours
Corporate Law
This course introduces business structure, correspondence and accounting; theory, procedure and documentation required to incorporate a limited company, annual maintenance, company name and offices changes; sale, allotment and transfer of shares and dissolution. Alteration of the Notice of Articles and Articles; buy/sell agreements, due diligence searches, and corporate/commercial financing are included. Students will research the Business Corporations act and BC Societies Act.

Prerequisites:
- LSEC 145

LSEC 160-120 hours
Wills and Estates
Learners study law office procedures, correspondence and accounting relating to Wills and Estates, Wills and Codicils, assembling information on assets, Estate Probate and Administration, and transmission of assets.

Prerequisites:
- LSEC 145

Life Skills Facilitator

Independent Living Skills

LSIN 009-110 hours
Visual and Verbal Literacy for the Real World
This course is for students who need to develop literacy skills other than reading and writing as methods of communicating. Students will focus on improving their verbal, non-verbal, visual, sequencing, and listening skills to help them communicate with others at home, at work, and in the community. Course work will focus on themes of interest to students and may include: self, family, community, province, country, animals, social life, personal safety, death and dying. Students will practice both social and survival literacy skills.

LSIN 010-110 hours
Literacy - English I
This course is for students at a very beginning literacy level. Students will work on basic reading and writing skills as well as speaking, listening, social skills and other related essential literacy skills for the workplace. Students will work individually and in groups. Learning to follow directions and to set language learning goals will also be part of the course.

LSIN 010A-110 hours
Numeracy - Mathematics I
This course is for students at the very beginning mathematics skill level. Students will work on basic math skills as well as life skills math such as basic money handling, time concepts and use of calculators. Working individually or in groups, students will also learn to focus directions and set math learning goals. The focus of this course is to improve essential skills numeracy for enjoyment, independence and the workplace. Hours of study may be 74 hours or 110 hours.

LSIN 013-148 hours
Literacy - English 3
This course helps students continue to improve their
reading, writing, listening and speaking skills. Students will participate in projects and themes to help them become thoughtful, independent and serious learners. Students will use their developing language skills for personal growth, survival, social issues and enjoyment, as well as for the enhancement of the essential skills needed in the workplace. Hours of study may be 110 hours or 148 hours.

**LSIN 015-110 hours Express Yourself**
In this course students are given the opportunity to express themselves through storytelling, art, creative drama, poetry, and music. Through creative projects students will build communication skills and reflect upon their life experiences. Hours of study may be 74 hours or 110 hours.

**LSIN 016-110 hours Writing Your Life**
In this course students will use their own life experiences as the course material. They will work on improving their autobiographical and creative writing skills in a workshop environment. Students will write, read aloud, discuss, edit, rewrite, type, and share their work in pairs and small groups. The course will also focus on improving word processing skills. For their final project, students will work together to create a published collection of selected assignments. Hours of study may be 74 hours or 110 hours.

Prerequisites:
- Level 2 and permission of the department.

**LSIN 017-110 hours Literacy - Workplace Awareness 1**
This course is for beginning readers who are interested in reading and writing about work. Students will also work on improving speaking, listening, and social skills within the context of workplace awareness. Students will be introduced to a variety of jobs and will explore what it means to be a good worker. Learning to follow directions will also be part of the course.

Prerequisites:
- Level 1 and permission of the department.

**LSIN 018-148 hours Literacy - Workplace Awareness 2**
This course covers basic literacy skills in reading, writing, listening and speaking within the context of workplace awareness. Students will be introduced to the values, attitudes and behaviours of successful employees; the expectations of employers; and a variety of career options while improving their literacy skills. Hours of study may be 110 hours or 148 hours.

Prerequisites:
- Level 1 and permission of the department.

**LSIN 019-148 hours Literacy - Workplace Awareness 3**
This course builds upon basic reading, writing, listening and speaking skills within the context of workplace awareness. Students will be introduced to the values, attitudes and behaviours of successful employees; the expectations of employers; and a variety of career options while improving their literacy skills. Students will read articles, short stories and novels relating to employment. Writing skill development will include creative writing, personal reflections, and poetry on the workplace theme as well as writing letters, completing forms, taking messages, and writing reports. Hours of study may be 110 hours or 148 hours.

Prerequisites:
- Level 3 and permission of the department.

**LSIN 020-110 hours Human Relations**
This course improves self-awareness, confidence, and self-esteem within the context of relationships. Students practice communication skills, explore appropriate expressions of emotion, and learn to set boundaries in personal and work relationships. Topics covered include personal identity, self-esteem, good and bad relationships, dealing with conflict in relationships, being assertive, body language, personal space, and good and bad touch. With the assistance of participants, the instructor will choose themes to meet the needs of the group. Interest in particular human relations themes varies from class to class. A unit on human sexual health and safety is available. Hours of study may be 74 hours or 110 hours.

**LSIN 022-110 hours Rights and Responsibilities**
This course will provide students with opportunities to explore the rights and responsibilities of adult privilege. Some areas discussed will include consumer rights, renters' rights, human rights, rights in the home, rights in the workplace, and protection of identity and money. Additionally, students will discuss advocacy and self-advocacy strategies and issues. Hours of study may be 74 hours or 110 hours.

**LSIN 023-110 hours Health and Safety**
This course will cover life skill topics on good health habits, safety procedures in both the home and the community, managing common minor health issues,
and reinforcing awareness of emergency procedures. The students will refine some of their personal habits and set new personal goals for healthier and safer choices. Hours of study may be 74 hours or 110 hours.

**LSIN 024-110 hours**
**Safety and Driver Training**
This course will prepare students to apply for a driver's licence. Students will be introduced to the process of applying for a licence. The course will cover the material students need to learn to successfully complete the test for a learner’s license. Hours of study may be 74 hours or 110 hours.

**LSIN 026-110 hours**
**Community Awareness**
In this course students will have the opportunity to explore a variety of leisure time activities in their community. They will assess these activities in terms of interest, cost, schedule, and availability of transportation. Students will select activities that meet their exercise, entertainment, social and personal development interests and needs. Hours of study may be 74 hours or 110 hours.

**LSIN 027-110 hours**
**Social Communication**
This course is designed to help students improve their speaking and listening skills. Using role plays, group discussions and simulations students will practice communication skills for a variety of social situations. Hours of study may be 74 hours or 110 hours.

**LSIN 029-110 hours**
**Consumer Awareness**
This course prepares the student to be a more informed shopper when buying such things as clothing, food, and cars. Students will learn about contracts, shopper's rights and responsibilities, and the power of advertisements. Hours of study may be 74 hours or 110 hours.

**LSIN 030-110 hours**
**Cooking**
In this hands-on course students will learn about cooking healthy food. The focus is on basic cooking skills, using kitchen appliances, nutritious and inexpensive food selection, menu planning, and preparation of simple meals. Kitchen safety and cleanliness are also included. Hours of study may be 74 hours and 110 hours.

**LSIN 031-16 hours**
**Sexual Health and Safety**
This course introduces students to the concepts of sexual health and safety. Topics covered include the difference between public and private settings; different types of relationships and appropriate behaviors within each; communication and decision making within relationships; exploitive situations; the human body; self protection and peer pressure; human reproduction; and consequences and responsibilities of sexual decisions.

**LSIN 034-110 hours**
**Banking and Budgeting**
This course will familiarize the student with how to use the banking system, how to pay bills and how to budget with greater understanding and independence. Students will focus on the skills necessary to manage money in a safe, sensible and organized way. Hours of study may be 74 hours or 110 hours.

Prerequisites:
- Level 2 and permission of the department.

**LSIN 036-110 hours**
**General Science**
This course provides students with a basic understanding of scientific principles and practices. It will help increase their awareness of everyday phenomena, such as weather and matter. In addition, the course will focus on how common objects and products work. Linking classroom learning with everyday experiences and activities will ensure that students completing this course will understand and be able to effectively apply their new knowledge in home, college and future settings. Hours of study may be 74 hours or 110 hours.

Prerequisites:
- Level 2 and/or permission from the department

**LSIN 037-110 hours**
**History of People with Intellectual Disabilities in BC**
This course provides ASE students with an opportunity to learn about the history of people with intellectual disabilities in British Columbia. The importance of history and the ways that knowledge of history can positively impact their future will also be addressed. Students will develop a greater understanding of disability issues by exploring the historical evolution of laws and attitudes related to disability. Students will examine the concept of identity and think critically while becoming empowered to actively participate in citizenship. The course touches on Canadian history, but primarily focuses on BC, during the period from the late 1800s to the present. Hours of study may be 74 hours or 110 hours.

Prerequisites:
- Level 2 and/or permission of the Department.
LSIN 099-160 hours
ASE Special Topics
This course is designed to present different skills and training topics for students in an ASE program. With different topics, this course may be taken more than once.

Prerequisites:
- Acceptance into LSIN 099 upon recommendation of the ASE Department.

Concurrent Registration: LSSM 020

LSIN 011A-110 hours
Numeracy - Mathematics 2
This course continues to develop basic math, money, measurement, graphing and mapping skills necessary for independent living. Students begin at their own level and work individually and in small groups to develop their skills. The focus of this course is to improve essential skills numeracy for enjoyment, independence and the workplace. Hours of study may be 74 hours or 110 hours.

LSIN 011B-148 hours
Literacy - English 2
This course is for students who wish to improve their basic skills in reading, writing, speaking and listening. Students will work on setting clear learning goals and will read and discuss stories, articles, and short novels. Students will write stories and poems and type them on the computer. Class work will also include spelling, phonics, and grammar skills. Much of the course is to improve literacy skills for enjoyment, independence, and the workplace. Hours of study may be 110 hours or 148 hours.

LSIN 012-110 hours
Basic Computer Skills
The course will focus on helping students become familiar with computer components and concepts and increase their knowledge of technology. Students will work on their word processing and graphics application skills, and will be introduced to small databases, elementary spreadsheets, and internet basics where available. Students will be provided with a variety of projects aimed at developing these skills. Hours of study may be 74 hours or 110 hours.

Prerequisites:
- Demonstrated equivalent working knowledge of word processing and graphics applications, or Level 2 and permission of the department.

LSIN 012A-110 hours
Basic Computer Skills A
This course provides an introduction to computers for students with special needs. The course will focus on helping students become familiar with basic computer components and concepts. Students will be introduced to word processing and graphics applications through a variety of projects. Hours of study may be 74 hours or 110 hours.

LSIN 012B-110 hours
Basic Computer Skills B
This course provides an introduction to computers for students with special needs. The course will focus on helping students become familiar with basic computer components and concepts. Students will continue to work on their word processing and graphics applications skills, and will be introduced to small databases, elementary spreadsheets, and internet basics where available. Students will be provided with a variety of projects aimed at developing these skills. Hours of study may be 74 hours or 110 hours.

PACE (Preparing for Access to Careers and Education)

LSPM 001-40 hours
Strategies for Success A
This course will focus on providing students with the skills and strategies necessary for success at OC and in the workplace. Students will work on developing learning strategies and skills for organizing themselves, managing their time and for coping with stress.

LSPM 002-40 hours
Strategies for Success B
This course focuses on providing students with the skills and strategies necessary for success at OC and in the workplace. Students will work on developing learning strategies and skills for coping with change. Students will learn about safety in the workplace and they will also learn how to deal with disability-related employment issues such as workplace accommodations and disclosure of disability.

LSPM 003-60 hours
Workplace Interpersonal Skills A
This course will cover the interpersonal and self-awareness skills necessary for an individual to function successfully in the workplace. Students will focus on communication and assertiveness skills. Much of the time will be spent building self-esteem and developing confidence through self-understanding.

LSPM 004-60 hours
Workplace Interpersonal Skills B
This course covers the interpersonal and self-awareness skills necessary for an individual to function successfully in the workplace. Students will learn self-advocacy and conflict resolution skills. Much of the time will be spent building self-esteem and developing confidence through self-understanding.
LSPM 005-70 hours
Career Exploration
In this course students will complete a series of vocational assessment inventories and will explore careers through information interviews and library research. Through this work, students will establish three clearly stated vocational goals. Some students will also identify educational goals involving a modified second-year program.

LSPM 006-70 hours
Job Search Skills
In this course students will develop job search and interview skills. Students will also become familiar with community agencies and services related to employment.

LSPM 007-50 hours
Working World A
This course provides the student with an awareness of the world of work and develops the values, ethics, and attitudes, necessary for success in the workplace. Students will be introduced to organizational structure. Students will acquire an understanding of leadership styles, personal and work values and successful employee qualities and employer expectations.

LSPM 008-50 hours
Working World B
This course provides the student with an awareness of the world of work and develops the values, ethics, and attitudes, necessary for success in the workplace. Students will be introduced to the free enterprise system, the role of unions and professional associations as well as the role of the Employment Insurance Commission and Employment Standards Act and Regulations.

LSPM 027-220 hours
Employment Connection
Employment Connection will provide individualized and small group community access and employment support for ASE students in their next environment as they leave Okanagan College. Content will include the practical application of skills taught in PACE and SAME. Based on individual need, skills may include job search and job maintenance, community awareness, assertiveness skills, communication skills, stress management, problem solving skills, conflict resolution, and anger management skills. Students will be supported to develop the attitudes, values, and behaviours of successful employees. Hours of study may be 110 hours or 220 hours.

Prerequisites:
- Enrolment in or successful completion of the PACE program or Enrolment in the SAME program.
- For students in the SAME program corequisite LSSM 020.

LSPM 031-110 hours
PACE Applied Skills 1
In this course students will compile lists of employment possibilities based on the career exploration work completed in the classroom portion of the PACE Program. With the support of the ASE Liaison, students will use these lists to explore careers by participating in two information interviews and two Career Exploration Activities. Throughout these experiences students will work on personal goals related to employment success.

Prerequisites:
- acceptance into the PACE program

LSPM 032-110 hours
PACE Applied Skills 2
In this course students will continue to clarify employment goals and develop lists of employment possibilities based on the career exploration work completed in the classroom portion of the PACE program. With the support of the ASE Liaison, students will use these goals and lists to explore careers by participating in 4 Career Exploration Activities or 1 Career Exploration Activity and one short two to three week work experience placement. Throughout these experiences students will work on personal goals related to employment success and begin to identify an appropriate major work experience placement.

Prerequisites:
- LSPM 031

LSPM 033-110 hours
PACE Applied Skills 3
In this course students will continue to clarify employment goals and explore employment possibilities. With the support of the ASE Liaison, students will explore careers by participating in two job shadows with two additional Career Exploration Activities. Students will work with the ASE Liaison and the PACE Instructor to put all of their learning together to choose, secure and plan a final work experience placement that compliments their specific vocational goals.

Prerequisites:
- LSPM 032

LSPM 034-110 hours
PACE Applied Skills 4
In this course students will complete one major work experience placement that complements their vocational goals. Throughout the work experience
students will work with the ASE coordinator and the host employer to review, revise, complete and evaluate learning goals related to specific vocational skills and the attitudes, values and behaviours of a successful employee. Students will complete weekly work journals to present in class. Students will also present a final work experience report in class.

Prerequisites:
- LSPM 033

SAME (Supported Access to Modified Education)

LSSM 020-110 hours 
Access and Support
This course supports SAME students to succeed in modified Okanagan College programs or courses and work experience placements as well as in the work place. Students will set and evaluate academic and personal development goals. They will further develop, as needed, the assertiveness, communication, study, stress management, problem solving, conflict resolution, and anger management skills taught in the PACE Program. The focus of the course is the reinforcement of the attitudes, values and behaviours of successful students and future employees.

Prerequisites:
- Enrolment in the SAME program.
- For students in the SAME program, corequisite required LSPM 027.

Medical Administrative Assistant

MAA 110-30 hours 
Medical Terminology I
In Medical Terminology I, students complete an introductory study of the construction of medical terms including root words, suffixes, and prefixes relating to the various body systems.

Prerequisites:
- admission to the Medical Administrative Assistant program

Only offered by Distance Education

MAA 111-90 hours 
Medical Terminology II - Anatomy and Physiology
Medical Terminology II is a continuation of Medical Terminology I and introduces anatomy and physiology related to the main systems of the body.

Prerequisites:
- MAA 110

Only offered by Distance Education

MAA 112-30 hours 
Medical Terminology III - Pharmacology and Specialties
In Medical Terminology III, students complete a study of the construction of medical terms including root words, suffixes and prefixes relating to pharmacology and the specialties of oncology, radiology and nuclear medicine and psychiatry.

Prerequisites:
- MAA 111

Only offered by Distance Education

MAA 120-60 hours 
Medical Administrative Procedures
Medical Administrative Procedures introduces the student to the administrative duties and procedures required in a medical office/hospital setting. Topics covered include reception skills, appointment scheduling, telephone techniques, interpersonal skills, stress management, inventory control, mail processing, and filing and records management procedures. Medical law and ethics are an integral part of the course.

Only offered by Distance Education

MAA 126-60 hours 
Medical Transcription
Medical Transcription is an introductory course that teaches students to transcribe medical documents from dictation with accurate content, correct format, grammar, and punctuation. The main objective is to provide students with a knowledge of the content and formats of medical reports typically dictated in clinics and hospitals.

Prerequisites:
- MAA 111 or demonstrated word processing ability approved by coordinator

Corequisites:
- MAA 112

Only offered by Distance Education

MAA 130-30 hours 
Medical Billing - Manual
Medical Billing - Manual teaches students manual billing procedures for medical services for the province of British Columbia.
Prerequisites:
- MAA 111

Only offered by Distance Education

**MAA 131-30 hours**
**Medical Billing - Computerized**
Medical Billing - Computerized teaches students automated billing software and procedures for medical services in the province of British Columbia.

Prerequisites:
- MAA 130

Only offered by Distance Education

**MAA 140-60 hours**
**Clinical Procedures and Practice**
Clinical Procedures and Practice teaches students to perform basic clinical procedures, including the use and management of medical equipment. The student will learn to perform basic laboratory tests and assist the physician with specific examinations and procedures. Emphasis is placed on the role of the medical administrative assistant as a link between the doctor and external medical testing and treatment facilities. Students are required to participate in a two-day clinical practice.

Prerequisites:
- MAA 111
- MAA 120

Only offered by Distance Education

**MAA 150-90 hours**
**Practicum - Medical**
The student will obtain and complete a three-week practicum in a medical office or medical-related business to apply skills and knowledge acquired in the Medical Administrative Assistant Certificate program. Students will assist with day-to-day operations and apply industry specific concepts and procedures.

Prerequisites:
- MAA 110
- MAA 111
- MAA 112
- MAA 120
- MAA 126
- MAA 130
- MAA 131
- MAA 140

Also offered by Distance Education

**Mandarin Chinese**

Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.

**MAND 111-3-4**
**Introductory Mandarin Chinese I**
This course is for beginners and focuses on speaking, writing and reading rudimentary Mandarin. Students will learn 150 basic Chinese characters, the Romanised writing system, tones and basic vocabulary for everyday use. The lab will consist of guided conversation, pronunciation exercises and situational dialogues. This course is not recommended for native speakers. (3,1,0)

**MAND 121-3-4**
**Introductory Mandarin Chinese II**
This course is for intermediate beginners and continues the practice of speaking, writing and reading Mandarin. Students will continue to practice Chinese characters and learn 150 new ones; they will also continue to practice the Romanized writing system, tones and vocabulary for everyday and simple academic uses. The lab consists of guided conversation, pronunciation exercises and situational dialogues. This course is not recommended for native speakers. (3,1,0)

Prerequisites:
- MAND 111

**Mathematics**

For courses numbered 100 or higher, the prerequisite(s) may be waived by the Mathematics & Statistics department. See prerequisite waiver.

For courses numbered less than 100, the prerequisite(s) may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

**MATH 005-40 hours**
**Topics in Mathematics**
Topics in Mathematics may include, but is not limited to, basic number operations, the metric system, inequalities, statistics, algebra, geometry, trigonometry, graphing, and functions. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
- MATH 062 or level 4 on the MSI(Math Skills Indicator)

1 minimum grade of 60 required
MATH 013-96 hours  
Introduction to Calculus  
This course is designed to (1) provide students with the mathematical knowledge and skills needed for post-secondary academic and career programs and (2) ease the transition from Provincial level Mathematics to first year calculus at college/university. Topics include an introduction to limits, continuity, derivatives, differentiation of algebraic functions, applications of the derivative, antiderivatives and differential equations. This course does not take the place of Math 112.

Prerequisites:
- ABE MATH 0121 or Pre-Calculus 12

1 minimum grade of 67 required  
2 minimum score of 67 required

MATH 015-40 hours  
Topics in Mathematics  
Topics in Mathematics may include, but is not limited to, basic number operations, the metric system, inequalities, statistics, algebra, geometry, trigonometry, graphing, and functions. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
- ABE MATH 0851 or ABE IALG 0111 or a level 7 on the MSI (Math Skills Indicator)

1 minimum grade of 60 required

MATH 025-40 hours  
Topics in Mathematics  
Topics in Mathematics may include, but is not limited to, basic number operations, the metric system, inequalities, statistics, algebra, geometry, trigonometry, graphing, and functions. This course may be taken more than once but with a different topic emphasis.

Prerequisites:
- ABE MATH 0111 or a level 8 on the MSI (Math Skills Indicator)

1 minimum grade of 60 required

MATH 040-160 hours  
Mathematics 040  
This entry level mathematics course will focus on basic whole number concepts up to a place value of millions. Estimation, addition, subtraction and multiplication operations, as well as identifying coins, basic geometry shapes, and time concepts in the context of appropriate practical problems are examined. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
- Admission interview

MATH 041-80 hours  
Mathematics 041  
This entry-level mathematics course focuses on basic whole number concepts up to a place value of hundreds. Estimation, addition and subtraction operations, as well as identifying coins, basic geometry shapes, and time concepts in the context of appropriate practical problems are examined. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
- Admission Interview

MATH 042-80 hours  
Mathematics 042  
This course focuses on basic whole number concepts up to a place value of millions. Estimation, addition, subtraction, and basic multiplication operations, as well as a review and further study of money and time concepts in the context of appropriate practical problems are examined. The emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
- Admission Interview

MATH 050-160 hours  
Mathematics 050  
This course will focus on estimation, multiplication and division operations of whole numbers and decimals to the place value of the-thousandths, as well as an introduction to and development of the metric system and geometry is in the context of appropriate practical problems. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
- ABE MATH 0421 or ABE MATH 0401 or Level 2 on the MSI (Math Skills Indicator) and an admission interview.

1 minimum grade of 60 required
MATH 052-80 hours
Mathematics 052
This course focuses on basic operations of decimals to the place value of ten-thousandths, as well as a review and further study of the metric and imperial system and geometry, all in the context of appropriate practical problems. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
• ABE MATH 042\textsuperscript{1} or ABE MATH 040\textsuperscript{1}
• ABE MATH 042\textsuperscript{1} or a level 2 on the MSI (Math Skills Indicator) and an admission interview

\textsuperscript{1} minimum grade of 60 required

MATH 060-160 hours
Mathematics 060
This course will focus on basic operations of common fractions and measurement, including perimeter and area from a formula approach, ratio, proportion, percent, and graphing, all in the context of appropriate and practical problems. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
• ABE MATH 051\textsuperscript{1} or Admissions Interview

\textsuperscript{1} minimum grade of 60 required

MATH 061-80 hours
Mathematics 061
This course focuses on basic operations of common fractions and measurement, including perimeter and area from a formula approach, all in the context of appropriate and practical problems. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
• ABE MATH 052\textsuperscript{1} or ABE MATH 050\textsuperscript{1} or Level 3 on the MSI (Math Skills Indicator) and an admission interview.

\textsuperscript{1} minimum grade of 60 required

MATH 062-80 hours
Mathematics 062
This course focuses on ratio, proportion, percent, and graphing, all in the context of appropriate and practical problems. Emphasis is on concepts, applications, and skills and strategies for learning.

Prerequisites:
• ABE MATH 061\textsuperscript{1} or an acceptable score on the skills assessment

\textsuperscript{1} minimum grade of 60 required

MATH 070-160 hours
Mathematics 070
This course offers a review and further study of decimals, fractions, ratios, proportions, percent and the metric system with an emphasis on practical applications. Perimeter, area and volume are studied from a formula approach. Terminology and angle properties of triangles and parallel lines are introduced and applied. Operations with integers and rational numbers, powers, roots and scientific notation are introduced. Basic algebraic expressions, equations and formulas, coordinate graphing, right-angle triangle trigonometry, graphing and statistics are introduced.

Prerequisites:
• ABE MATH 060\textsuperscript{1} or ABE MATH 062\textsuperscript{1} or a level 4 on the MSI (Math Skills Indicator).

\textsuperscript{1} minimum grade of 60 required

MATH 071-80 hours
Mathematics 071
This course offers a review and further study of decimals, fractions, ratios, proportions, percent and the metric system with an emphasis on practical applications. If space allows, students can enrol in the following modules: MATH 071A: Whole Numbers and Fractions - 15 hours, MATH 071B: Ratio and Proportion - 10 hours, MATH 071C: Percent - 15 hours, MATH 071D: Measurement - 10 hours, MATH 071E: Perimeter, Area and Volume - 10 hours, MATH 071F: Geometry: angles, triangles, parallel lines - 20 hours

Prerequisites:
• ABE MATH 062\textsuperscript{1}
• ABE MATH 060\textsuperscript{1} or a level 4 on the MSI (Math Skills Indicator)

\textsuperscript{1} minimum grade of 60 required
MATH 071A-15 hours
Whole Numbers & Fractions

MATH 071B-10 hours
Ratio and Proportion

MATH 071C-15 hours
Percent

MATH 071D-10 hours
Measurement

MATH 071E-10 hours
Perimeter, Area & Volume

MATH 071F-20 hours
Geometry: Angles, Triangles, Parallel Lines

MATH 072-80 hours
Mathematics 072
This course is an introduction to operations with integers and signed rational numbers, powers, roots and scientific notation. Basic algebraic expressions, equations and formulas, coordinate graphing, right-angle triangle trigonometry, geometric constructions, and statistics are introduced. If space allows, students can enrol in the following modules: MATH 072A: Geometry: constructions - 15 hours, MATH 072B: Rational Numbers - 10 hours, MATH 072C: Equations and Applied Problems - 15 hours, MATH 072D: Powers, Roots, and Scientific Notation - 10 hours, MATH 072E: Trigonometry - 10 hours, MATH 072F: Graphs - 10 hours, MATH 072G: Statistics - 10 hours

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 072A-15 hours
Geometry: constructions

MATH 072B-10 hours
Rational Numbers

MATH 072C-15 hours
Equations and Applied Problems

MATH 072D-10 hours
Powers, Roots and Scientific Notation

MATH 072E-10 hours
Trigonometry

MATH 072F-10 hours
Graphs

MATH 072G-10 hours
Statistics

MATH 073-80 hours
Mathematics 073
This course prepares students for further study in business and personal mathematics. Included is an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 074-80 hours
Mathematics 074
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 075-80 hours
Mathematics 075
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 076-80 hours
Mathematics 076
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 077-80 hours
Mathematics 077
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 078-80 hours
Mathematics 078
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 079-80 hours
Mathematics 079
This course prepares students for further study in business and personal mathematics. It includes an introduction to operations with rational numbers and solving equations and formulas. As well, practical application problems involving probability, banking, finance, budgeting, taxes, estimating, scale drawing, and trigonometry are explored.

Prerequisites:
• ABE MATH 071

1 minimum grade of 60 required

MATH 080-112 hours
Mathematics 080
This course refreshes basic numerical skills and prepares students for further studies in algebra. Topics include operations with real numbers, percents, SI units (Metric system), rational numbers, powers, graphing linear equations, first-degree equations and inequalities, formulas, polynomials, factoring, graphing and interpreting linear equations, systems of linear equations, fractional expressions and equations, radical expressions and equations, quadratic equations and trigonometry.

Prerequisites:
• ABE MATH 070 or ABE MATH 072 or level 5 on the MSI (Math Skills Indicator)

1 minimum grade of 60 required

MATH 084-80 hours
Mathematics 084
This course refreshes basic numerical skills and prepares students for further studies in algebra. Topics include operations with real numbers, SI measurement (optional), polynomials, graphing and interpreting linear equations, systems of linear equations, first-degree equations and inequalities.

Prerequisites:
• ABE MATH 072 or ABE MATH 070 or a level 5 on the MSI (Math Skills Indicator)

1 minimum grade of 60 required

MATH 085-80 hours
Mathematics 085
This course prepares students for further study in algebra. Topics include factoring polynomials, rational
expression and equations, radical expressions and
equations, and trigonometry.

Prerequisites:
• ABE MATH 084\(^1\)

\(^1\) minimum grade of 60 required

**MATH 086-80 hours**  
**Mathematics 086**  
This course prepares students for further study in the fundamentals of business and personal mathematics. Topics include banking, interest application, budgeting, taxes, statistics, discounts and commissions, comparison shopping, percent, insurance, annuities, and stocks and bonds.

Prerequisites:
• ABE MATH 084\(^1\)

\(^1\) minimum grade of 60 required

**MATH 087-80 hours**  
**Mathematics 087**  
This course prepares students for further study in the fundamentals of trades mathematics including basic geometry, perimeter, area, volume, estimating and scale drawing and introductory trigonometry.

Prerequisites:
• ABE MATH 084\(^1\)

\(^1\) minimum grade of 60 required

**MATH 011-112 hours**  
**Mathematics 011**  
This course includes a study of polynomials; rational expressions and fractional equations; powers and radicals; related equations; second-degree equations; systems of linear equations; relations, functions, graphing and trigonometry. Optional topics are circle geometry, including guided proofs, or data analysis (statistics). This course is equivalent to Principles of Mathematics 11.

Prerequisites:
• ABE IALG 011\(^1\) or ABE MATH 080\(^1\) or ABE MATH 085\(^1\) or Foundtns of Math & Pre-Calc 10\(^2\) or a level 7 on the MSI (Math Skills Indicator)

\(^1\) minimum grade of 60 required  
\(^2\) minimum score of 60 required

**MATH 012-96 hours**  
**Mathematics 12**  
This course is designed to prepare students for further study in mathematics including, calculus and technology courses. Topics include a brief algebra review, polynomial, exponential, logarithmic and trigonometric functions, inequalities, sequences and series. Optional topics are conic sections, permutations and combinations, binomial expansion, probability and an introduction to calculus. This course is equivalent to Pre-Calculus 12(formerly Principles of Mathematics 12)

Prerequisites:
• ABE MATH 011\(^1\) or Principles of Math 11\(^2\) or a level 8 on the MSI (Math Skills Indicator)

\(^1\) minimum grade of 60 required  
\(^2\) minimum score of 60 required

**MATH 111-3-4**  
**Essential Mathematics for Arts**  
This course may help you answer questions like: - How can I avoid spending thousands of extra dollars on buying my first house? - How can I beat the odds and win in Las Vegas? - How can I convince my boss that giving me a raise will save the company money?  
It is a course for students in arts who want to see useful, real life applications of mathematics and how that mathematics directly relates to problems they encounter every day. Topics in this course may include: logic, set theory, combinatorics, probability, matrix algebra, linear programming, Markov chains, graph theory and financial mathematics. If you've been told your entire life that mathematics is important but you've never been able to figure out why, this course is for you!  
Note: Students should be aware that certain universities will not accept this course for credit towards a Bachelor of Science degree. (4,0,0)

Prerequisites:
• Principles of Math 11 or Pre-Calculus 11 or Foundations of Mathematics 11 or Applications of Mathematics 11\(^1\) or ABE IALG 011\(^1\)ABE MATH 084\(^2\) or Math Diagnostic Exam - BA\(^3\)

\(^1\) minimum score of 60 required  
\(^2\) minimum grade of 60 required  
\(^3\) minimum score of 16 required

**MATH 112-3-5**  
**Calculus I**  
An introductory course in differential calculus for science and engineering students, beginning with a review of basic algebra, equations and inequalities, analytic geometry, functions and graphs. Further topics include limits; continuity; rate of change; the derivative; differentiation of algebraic, trigonometric, exponential, logarithmic and inverse trigonometric functions; local and global extrema; Mean Value theorem; graph-sketching; related rates; linear
approximation; L'Hopital's Rule; optimization; Newton's method. (4,1,0)

Prerequisites:
- ABE MATH 0121 or Principles of Math 12 or Pre-Calculus 12 or MATH 120

1 minimum grade of 67 required
2 minimum score of 67 required

Also offered by Distance Education

MATH 113-3-4
Mathematics for Civil Engineering Technology I
Use of a scientific calculator; trigonometry, law of sines and law of cosines, applications to surveying and vectors; functions and graphical description of data, linear, quadratic, trigonometric and inverse trigonometric, and exponential and logarithmic functions, applications to surveying, beam analysis and hydrology; geometry, areas, volumes and moments of standard figures and composites; advanced algebra and trigonometric identities. (4,0,0)

Prerequisites:
- admission to the Civil Engineering Technology program

MATH 114-3-4
Business Mathematics
This course is intended for students in the Business Administration diploma and degree programs. Topics include but are not limited to the use of a business calculator; ratios and proportions; percentages; merchandising applications; review of linear functions and applications to break-even analysis; simple and compound interest; present values, future values and payment streams; effective rates of interest; simple and general annuities and applications to RRSPs, RRIFs and pension plans; and amortization schedules and mortgages. (4,0,0)

Prerequisites:
- Foundations of Mathematics 11 or Principles of Math 11 or Pre-Calculus 11 or Principles of Math 11 or Math Diagnostic Test BA3 or ABE MATH 084 or ABE IALG 011 or admission to any Business program.

1 minimum score of 60 required
2 minimum score of 16 required
3 minimum grade of 60 required

Also offered by Distance Education

MATH 120-3-4
Pre-Calculus
This course is intended to prepare students for an introductory calculus course such as MATH 112. Topics include but are not limited to a review of basic algebra; equations and inequalities; functions and graphs; composition; inverses; transformations; polynomials; rational functions; exponential and logarithm functions; laws of logarithms; trigonometric functions; trigonometric identities; trigonometric equations; inverse trigonometric functions; analytic geometry, and an introduction to sequences and series.

Note: Students should be aware that certain universities will not accept this course for credit towards a Bachelor of Science degree. (4,0,0)

Prerequisites:
- ABE MATH 0111 or Pre-Calculus 11 or Principles of Math 11 or Math Diagnostic Exam - BA3

1 minimum grade of 67 required
2 minimum score of 67 required
3 minimum score of 16 required

Also offered by Distance Education

MATH 122-3-5
Calculus II
This course is a continuation of MATH 112. Topics include antiderivatives; the definite integral; Fundamental Theorem of Calculus; applications of integration including area, volume, average value; techniques of integration; numerical integration; improper integrals; introduction to differential equations; direction fields; Euler's method; separable differential equations and applications; infinite sequences and series; convergence; power series; Taylor series and Taylor polynomial approximation. (4,1,0)

Prerequisites:
- MATH 112 or MATH 145 or MATH 123

1 minimum grade of 80 required

Also offered by Distance Education

MATH 123-3-4
Mathematics for Civil Engineering Technology II
Introduction to statistics, descriptive statistics, probability, statistical inference, application to materials testing, quality control and work sampling; linear algebra and linear programming, applications to pipe networks, structures, and resource allocation; differential calculus, applications to maximization,
rates and highway curves; integral calculus, areas and volume, numerical integration and estimation on areas and volumes, applications to beam analysis. (4,0,0)

Prerequisites:
• MATH 113

Also offered by Distance Education

MATH 125-3-4
Mathematics for Viticulture
This course covers four main topics: units, algebra, geometry and statistics. Students will understand S.I. and U.S. measurement systems, unit conversions and analyses with applications to spraying, volume and area calculations. The algebra section includes simplifying expressions, solving equations, systems of equations, mixture problems and the use of logarithms. The statistics section involves sampling techniques, descriptive and inferential statistics. (4,0,0)

Prerequisites:
• Admission to the Viticulture Program.

MATH 127-3-4
Math for Network & Telecom Engineering Tech
This course provides NTEN students with the basic problem solving strategies and techniques using various mathematical tools found in algebra, coding theory, graph theory, logic, number theory, and set theory. The topics also include binary, octal and hexadecimal systems and subnetting. (4,0,0)

Prerequisites:
• Admission to the Network and Telecommunications Engineering program.

MATH 128-3-4
Mathematics for Water Engineering Technology
This course includes the use of scientific calculators, a review of basic algebra, solving linear and quadratic equations, word problems, linear, quadratic, exponential and logarithmic functions, the graphical description of data including log-log and semi-log graphs, and introductory trigonometry. Elementary statistics including descriptive statistics, frequency distributions, measures of central tendency and measures of variation is covered. The material is used in applications to hydrology, biology; geometry, areas and volumes of standard and composites figures, vectors, surveying and chemistry. (4,0,0)

Prerequisites:
• admission to the Water Engineering Technology program

MATH 134-3-4
Mathematics for SCMT
This course, for students in the SCMT program, will cover the three main topics of finance, geometry and units. The finance section will include trade discounts, markups/markdowns, cost-volume-profit analysis, break-even analysis, simple and compound interest, annuities, business investment decisions, net present value, return on investment(ROA), payback period, and the use of a financial calculator. The geometry section includes areas, volumes, surface areas, estimating and trigonometry. The measurements and units requires students to understand S.I. and U.S Customary systems of measurement, unit conversion, evaluating formulas and unit analyses. (4,0,0)

Prerequisites:
• admission to the SCMT program

MATH 135-3-5
Mathematics for Mechanical Engineering Technology I
Students will be introduced to scientific calculators, trigonometry, the laws of sines and cosines, and applications of vectors to mechanics. Mathematical functions and graphical description of data are studied. The use of linear, quadratic, trigonometric, exponential and logarithmic functions will be outlined with applications relating to component design, areas, volumes and moments of standard figures and composite. Emphasis is on industrial applications in mechanical engineering. (5,0,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program

MATH 137-3-4
Mathematics for Electronic Engineering Technology I
Topics include a review of intermediate algebra, functions, graphs, matrices, determinants, trigonometry, complex numbers, logarithms and exponentials. Emphasis is on applications in electronics. (4,0,0)

Prerequisites:
• admission to the Electronic Engineering Technology program

MATH 139-3-4
Mathematics for Information Technology
This course includes a review of algebra including linear equations, logarithms, exponentials and complex numbers, basic logic, Boolean algebra, number type conversations from base 10 to binary, octal and hex, an introduction to recursion, an introduction to set theory and an introduction to graph theory. (4,0,0)

Prerequisites:
• admission to the Electronic Engineering Technology program
Prerequisites:
- admission to the Computer Information Systems diploma or degree program or the Network and Telecommunications Engineering Technology program.

MATH 145-3-4  
Mathematics for Mechanical Engineering Technology II  
A continuation of MATH 135. Complex applications in mechanical engineering are investigated. Topics include differential calculus, integral calculus, areas and volumes, numerical integration; introduction to statistics, frequency distributions, probability, statistical inference and confidence levels. (4,0,0)

Prerequisites:
- MATH 135

Also offered by Distance Education

MATH 147-3-4  
Mathematics for Electronic Engineering Technology II  
Topics include differentiation and integration of algebraic and transcendental functions with emphasis on applications in electronics. (4,0,0)

Prerequisites:
- MATH 137

Also offered by Distance Education

MATH 160-3-4  
Mathematics for Elementary Teachers  
This course is intended for students planning to enter a program in Elementary Education. Topics include problem-solving strategies; elementary set theory; numeration systems; algorithms; elementary number theory; rational numbers; irrational numbers; real numbers; plane geometry; and measurement. Students should be aware that MATH 160 is a course in mathematics and not a course in teaching methodologies.

Note: This course cannot be used for credit towards an Okanagan College Bachelor of Business Administration. Students should be aware that certain universities will not accept this course as credit towards a Bachelor of Arts or a Bachelor of Science degree (4,0,0)

Prerequisites:
- Pre-Calculus 11 or Apprent. and Workplace Math 11 or Foundations of Mathematics 11 or Applications of Mathematics 11 or Principles of Math 11 or ABE IALG 011 or ABE MATH 084 and ABE MATH 085 or Math Diagnostic Exam - BA

1 minimum score of 60 required  
2 minimum grade of 60 required  
3 minimum score of 16 required

Also offered by Distance Education

MATH 201-3-3  
Mathematical Structures and Proofs  
This course provides students with a transition from mathematics courses at the first-year level to rigorous, theoretical courses at the upper-division in which mathematical proof is emphasized. The course begins with a discussion of the nature and purpose of mathematical proof. Formal logic, truth tables, logical connectives, logical quantifiers, conditional and biconditional statements, converse and contrapositive are studied. Discussion includes common proof techniques and presents a large number of elementary proofs selected to illustrate these techniques. No single area of mathematics will be emphasized; at the instructor's discretion, examples may be chosen from abstract algebra, number theory, analysis and combinatorics. Students should expect to spend a considerable amount of time analyzing sample proofs and constructing their own proofs. (3,0,0)

Prerequisites:
- MATH 122

MATH 212-3-4  
Calculus III  
Topics include three-dimensional geometry; vectors; dot- and cross-products; lines and planes in 3-space; functions of several variables; limits and continuity; partial derivatives; the tangent plane; differentiability; multivariable Chain Rule; gradients; directional derivatives; Taylor series; extrema problems with and without constraints; Lagrange multipliers; multiple integrals; integration in polar, cylindrical and spherical coordinates; change of variable in multiple integrals; applications. (4,0,0)

Prerequisites:
- MATH 122 or admission to the OC Electronic Engineering Technology Bridge to UBCO Electrical Engineering

MATH 221-3-4  
Introduction to Linear Algebra  
Topics include systems of linear equations and matrices; determinants, vectors in R2 and R3; vector spaces; linear transformations; eigenvalues and eigenvectors; diagonalization. (3,1,0)

Prerequisites:
- MATH 112

Current as of July 5, 2021
Corequisites:
- MATH 122

**MATH 222-3-3**
Calculus IV
This course covers parametrized curves, curvature, torsion, Frenet-Serret formulas, vector fields, gradients, line integrals, Fundamental Theorem of Calculus for line integrals, Green’s Theorem, parametrized surfaces, surface integrals, divergence and curl, Gauss’ Divergence Theorem, Stokes’ Theorem, and the application of vector calculus to physics. (3,0,0)

Prerequisites:
- • MATH 212

**MATH 225-3-4**
Differential Equations
Topics in this course include first-order equations, initial value problems, existence and uniqueness theorems, second-order linear equations, superposition of solutions, independence, general solutions, non-homogeneous equations, introduction to phaseplane analysis, introduction to numerical methods, matrix methods for linear systems, fundamental matrix and diagonalization, and applications of differential equations to the physical, biological and social sciences. (3,1,0)

Prerequisites:
- • MATH 122
- • MATH 221 is a recommended corequisite

**MATH 231-3-4**
Introduction to Cryptography
This course is an introduction to cryptography and data security. Topics include the Euclidean algorithm, division algorithm, groups, fields, Fermat's little theorem, Chinese remainder theorem, symmetric key cryptosystems including Advanced Encryption Standard and Digital Encryption Standard, the Fermat test, sieve methods, the discrete log problem, hash functions, digital signatures, and public key encryption. (4,0,0)

Prerequisites:
- • MATH 122 or MATH 139

**MATH 251-3-3**
Mathematics for Electronic Engineering Technology III
Topics include Taylor series, Fourier series, differential equations and Laplace transforms, with application in electronics. (3,0,0)

Prerequisites:
- • MATH 147 or admission to one of the OC Engineering Technology Bridges to UBCO Engineering

**MATH 290-3**
Directed Studies in Mathematics & Statistics
Students will undertake a supervised investigation or directed reading in mathematics or statistics. The topic will be agreed upon by the students and the supervising faculty member. Evaluation methods may include, but are not limited to, a project proposal, regular progress reports, regular assignments, a final written report, a final oral presentation, tests, or a final examination.

Prerequisites:
- • 6 credits of 100-level or 200-level MATH or STAT

**MATH 314-3-4**
Calculus and Linear Algebra with Business Applications
This calculus and linear algebra course covers business applications. Topics include, but are not limited to, functions and linear equations, systems of equations, matrix algebra, including matrix multiplication, matrix inversion and solving matrix equations, linear programming, differentiation and integration. Applications to cost, revenue and profit functions, break-even models, the production mix problem, the portfolio problem, profit maximization and optimization in several variables and a calculus-based approach to the mathematics of finance will be discussed. (4,0,0)

Prerequisites:
- • MATH 114
- • third-year standing or admission to any Post-Baccalaureate Diploma program.

Also offered by Distance Education

**MATH 390-3-3**
Special Topics in Mathematics
This course will focus on advanced or specialized topics in Mathematics. Students should consult the
department chair for the specific topic to be offered in any given year. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:

MATH 490-3-4
Selected Topics in Mathematics
This course will focus on advanced or specialized topics in Mathematics. Students should consult the department chair for the specific topic to be offered in any given year. With different topics, this course may be taken more than once for credit. (4,0,0)

Prerequisites:
• Permission of the Instructor

Mechanical Engineering Technology

Prerequisites may be waived by the Mechanical Engineering Technology department. See prerequisite waiver.

MECH 131-3-4
Engineering Graphics I
In this course students learn how to read and create engineering drawings using 2D software. Topics include drafting principles, orthographic projection, dimensioning, sectional views, detail drawings, assembly drawings, and drawing call-outs. (2,2,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program

MECH 133-3-5
Materials Technology
In this course macroscopic and microscopic properties of engineering materials including ferrous and nonferrous metals, polymers and ceramics are examined. Topics include inspection and testing (destructive and non-destructive), corrosion; and the effects of microstructure, alloying elements, and heat treatment on mechanical behavior. (3,2,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program or the OC Electronic Engineering Technology Bridge to UBCO Electrical Engineering program

MECH 134-3-4
Statics
In this course the basic static forces on mechanical structures, analysis of vectors, and couples and moments in two and three dimensions (co-planar and non-coplanar) are studied. Free body diagrams are used to analyze trusses, frames, and machines. (2,2,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program or the OC Electronic Engineering Technology Bridge to UBCO Electrical Engineering program

MECH 136-3-4
Application of Engineering Principles
Topics covered in this course include measurements, force and motion, energy, simple harmonic motion, thermal energy, waves, sound, light and optics. Emphasis is placed on using an engineering problem-solving approach to subject material. (2,2,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program

MECH 139-3-5
Mechanical Fabrication
formerly MECH 143
This is a practical course involving instruction in machine shop processes and the selection and use of tools. Students will use milling machines, lathes, other fabrication equipment and measuring instruments. Topics of study include but are not limited to metal cutting techniques, forming processes, bonding and welding. Safety and shop discipline are emphasized. (2,3,0)

Prerequisites:
• admission to the Mechanical Engineering Technology program

MECH 142-3-4
Engineering Graphics II
In this course students learn 3D solid modeling of parts and mechanical assemblies. Topics include creation of part models and assemblies, production of detail and assembly drawings, documentation of drawing revisions, and advanced tolerance methods including Geometric Dimensioning and Tolerancing. (2,2,0)

Prerequisites:
• MECH 131

MECH 144-3-5
Dynamics
In this course learners solve dynamics problems by employing kinematics to describe motion, and kinetics to resolve the associated forces and torques. They study friction, mass properties, (moments of inertia), acceleration, and Newton's laws applied to rigid
bodies that are undergoing linear and angular motion. Energy methods and conservation laws are also covered. (3,2,0)

Prerequisites:
- MECH 134
- MECH 136
- MATH 135

MECH 146-3-4
Fluid Mechanics
This course covers the study of fluid statics and dynamics with applications in mechanical engineering. Topics include fluid viscosity, pressure measurement, manometry, continuity and energy equations, Bernoulli’s equation, laminar and turbulent flows, pumps, flow rates, and flow measurements. (2,2,0)

Prerequisites:
- MECH 134
- MECH 136
- MATH 135

MECH 147-3-5
Strength of Materials
Topics covered in this course are direct, torsion, bending, shear, and thermal stresses and deformation; beam deflection, indeterminate beams, and columns. Mechanical components are analyzed considering loading conditions, stress concentrations and safety factors. (3,2,0)

Prerequisites:
- MECH 133
- MECH 134
- MECH 136
- MATH 135

MECH 148-3-4
Manufacturing Processes
formerly MECH 242

Topics covered in this course include forming, foundry, machining, and joining processes, and plastic and reinforced polymer processing. Emphasis is placed on the proper selection of manufacturing processes for production of mechanical components. (2,2,0)

Prerequisites:
- MECH 133
- MECH 139

MECH 149-3-4
Manufacturing Applications
formerly MECH 252

During this course, students study standard approaches in the design and specification of jigs and fixtures for manufacturing. Catalogue selection of components and current drafting practices will be used to generate CAD drawings. The designed jig and fixtures will be fabricated in the lab. Students will also study the design and analysis of bolted and welded connections. (2,2,0)

Prerequisites:
- MECH 133
- MECH 134
- MECH 139

MECH 152-3-30
Welding
formerly MECH 153

Students will study the theory of welding practice and gain hands-on experience with welding techniques during this course. Welding codes and standards are covered. Standard weld inspection and testing techniques will be performed.

This course is offered over a one-week period following the winter semester. (15,15,0)

Prerequisites:
- MECH 139

MECH 232-3-5
Machine Design
This course covers mechanical component design and analysis including connections (bolts and welds), failure and fatigue theories, shafts, gears, belt drives, chain drives, other power transmission and drive systems, plain bearings, antifriction bearings, clutches, brakes and springs. Selection of components from manufacturers’ catalogues is emphasized. (3,2,0)

Prerequisites:
- MECH 147

MECH 233-3-5
Technology Management and Quality
In this course students will study project management, lean production systems, process improvement techniques, and quality management systems. Current software is used for the application of project management, statistical process control, problem solving and continuous improvement of production processes. Current quality standards will be introduced including International Standards Organizations (ISO). (3,2,0)

Prerequisites:
- MATH 145
MECH 234-3-4
Thermodynamics
This course covers topics including gas laws, equations of state, mass conservation, and the first and second laws of thermodynamics. Applications of thermodynamic principles will be used to examine assorted processes and cycles with an emphasis on steam power systems, gas power cycles, performance and efficiency of processes and systems, heat engines, refrigeration and heat pump cycles. (2,2,0)

Prerequisites:
- MECH 136

MECH 235-3-5
Hydraulics and Pneumatics
This course covers the design of hydraulic and pneumatic systems as applied to mechanical devices. Topics include hydraulics and pneumatics equipment and components, control circuits and schematics, pumps and compressors, heat and energy loss, and flow control. Current software is used to produce and simulate hydraulic and pneumatic systems. (2,3,0)

Prerequisites:
- MECH 146
- MECH 144

MECH 237-3-5
Engineering Graphics III
In this course students learn 3D solid modeling of parts and mechanical assemblies. Students learn to create complex mechanical parts and assemblies, and to apply standard tolerancing methods. This course will conclude with a special project in which the student designs a mechanical assembly and creates production drawings. (2,3,0)

Prerequisites:
- MECH 142

MECH 239-3-3
Automation
Design of production and manufacturing automation technologies are introduced in this course. Topics are part-identification systems, feed systems, conveyance systems, work-cell design, assembly line design, package finishing lines, automation sequencing, commissioning, and analytical troubleshooting. (3,0,0)

Prerequisites:
- MECH 144

Corequisites:
- MECH 235

MECH 240-3-5
Project
formerly MECH 226
In this course students apply mechanical design methods to specific projects. Materials and topics from previous courses are utilized to solve design problems. Students generate and evaluate concepts, develop designs, and produce engineering drawings, reports and presentations. (2,3,0)

Prerequisites:
- MECH 144
- MECH 232
- MECH 233
- MECH 235
- MECH 257

Corequisites:
- CMNS 144

MECH 243-3-4
Operations Management
A variety of operations and management issues are studied with application to mechanical engineering. Topics include, but are not limited to, contract law, finance, economics and consequences of business decisions, cost estimating, capacity planning, constraint management, supply chain management, inventory control and material resource planning. (2,2,0)

Prerequisites:
- MECH 233

MECH 244-3-4
Applied Thermodynamics and HVAC
Students will study topics in heat transfer, heat exchangers, heat transfer systems, refrigeration systems, psychrometry, and HVAC (heating, ventilation, and air conditioning) processes. Industrial applications are emphasized. (2,2,0)

Prerequisites:
- MECH 234

MECH 247-3-5
Computer Aided Manufacturing
This course covers current CAD/CAM (Computer Aided Design/Computer Aided Manufacturing) software for creating part geometry and toolpaths for CNC (Computer Numerical Control) machine programming. Students are introduced to the programming and operation of CNC equipment, including lathes and milling machines. (2,3,0)

Prerequisites:
• MECH 142

MECH 249-3-6
Robotics and CIM
formerly MECH 245

This course focuses on the design and specification of robotic and computer integrated manufacturing (CIM) systems. Students program both the simulation of robot work cells and real robots, for applications in material handling, machine loading, processing, and assembly operations. Machine-vision systems are also introduced. (3,3,0)

Prerequisites:
• ELEN 236
• MECH 144
• MECH 235

MECH 257-3-42
Engineering Graphics IV

This course covers additional topics in solid modeling. Topics include, but are not limited to: file management, working with sheet metal designs and analyzing the motion of mechanisms. A main component of the course will be a project creating a moderately sized assembly using solid modeling software. (21,21,0)

Prerequisites:
• MECH 237
• MECH 144

Medical Device Reprocessing

MEDR 110-48 hours
Anatomy and Physiology

This introductory course develops the learnerâ€™s understanding of the basic structure and functions of selected organs and systems in the human body. Medical terminology and pathology are introduced.

MEDR 111-48 hours
Human Workplace Relations

This course develops the student's interpersonal skills and their understanding and application of effective teamwork, problem-solving, critical thinking and conflict resolution. Students will explore and develop strategies for managing staff and moral and ethical aspects of health care.

MEDR 112-36 hours
Introduction to Medical Terminology

Study of prefixes, suffixes, and word roots from which most medical terms are derived. Introduction to abbreviations is also included.

MEDR 113-42 hours
Microbiology and Infection Control Concepts

This course is an introduction to microbiology, and an overview of infection prevention and control aseptic techniques, and workplace environmental hazards.

MEDR 114-66 hours
Decontamination Procedures and Recommended Practices

This course is an introduction to decontamination principles and practices of cleaning, disinfection of complex medical devices, and an introduction to general surgical instruments and their uses.

MEDR 115-48 hours
Sterile Packaging Principles and Practices

This course focuses on sterilization packaging principles and practices, and includes hands-on application. Students will learn the basic objectives of the packaging process, instrument inspection, preparation, assembly and how to load packaged devices for sterilization.

MEDR 116-54 hours
Sterilization Concepts and Techniques

This course covers the principles and practices of effective sterilization methods. Included are various sterilization methods used in healthcare facilities and the conditions necessary for sterilization to be effective. Students will learn how each method is monitored physically, chemically, and biologically, and the importance of documenting each process.

MEDR 117-60 hours
Quality Assurance, Surgical Instruments and MEDR Perioperative Duties

This course defines quality assurance, the MDRT's role and practices in a quality-assurance system, and the agencies that regulate policies and procedures for an MDRT-quality system. Also included are the reprocessing procedures for instruments that fall into the specialty instrument categories, how to store and pick sterile instruments for a surgical procedure, an overview of the operating room, and an introduction to perioperative duties.

MEDR 118-12 hours
MEDR Workshop

This course provides basic training in skills and techniques as preparation for work in the health industry.

MEDR 119-400 hours
Practicum

This supervised experience provides the learner with an opportunity to integrate the theory into practice at one of several accredited practicum sites. During this hands-on experience, the students will gain further
insights, awareness and knowledge of the working setting.

Prerequisites:
- MEDR 1101
- MEDR 1111
- MEDR 1121
- MEDR 1131
- MEDR 1141
- MEDR 1151
- MEDR 1161
- MEDR 1171
- MEDR 1181

1 minimum grade of 70 required

Manufacturing Management

Medical Office Assistant

MOA 01-72 hours
Medical Terminology
This course introduces learners to medical terminology focusing on accurate spelling and pronunciation of terms. Learners will build knowledge of basic medical vocabulary with an emphasis on prefixes, suffixes, roots and combining vowels. Learners practice using anatomical, physiological, and pathological terminology as it relates to body systems.

Also offered by Distance Education

MOA 05
Word Processing for MOA

MOA 101-72 hours
Medical Terminology
This course is designed to provide entry-level proficiency, specific to MOA’s, on topics including human anatomy and the ten major body systems. Students will learn basic word structure, prefixes, suffixes, terms pertaining to the body as a whole and those related to general body systems. Abbreviations, an overview of basic medical terminology with an emphasis on the roots of complex terms and symbols, will also be covered.

MOA 102-24 hours
Pharmacology
This course examines how medications work, medication classifications, method of administration and the major medication groups affecting the various body systems. An understanding of the components of a physician’s order and using commonly accepted medical abbreviations will also be discussed.

Prerequisites:
- MOA 1011 or MOA 011

1 minimum grade of 70 required

MOA 103-36 hours
Computers and Transcription
This course is designed to provide foundational knowledge of computers in the office environment, including word processing, spreadsheets, email and presentation skills. Students will also be introduced to basic transcription skills.

Prerequisites:
- MOA 1011 or MOA 011

1 minimum grade of 70 required

MOA 104-45 hours
Medical Office Systems
In this course students will learn about managing the flow of information in the medical office and will be introduced to the role of computers. Students will explore the skill of entering patient information, scheduling, coding medical procedures, billing and claims management. Students will have hands-on training in a computer lab and in using practice management computer systems.

Prerequisites:
- MOA 1011 or MOA 011

1 minimum grade of 70 required

MOA 105-45 hours
Medical Office Procedures
In this course students will be introduced to the common routines and procedures of a medical office. Students will learn how to book appointments and patient record management. Students will also learn universal precautions, basic patient care procedures and the components of instrument sterile processing.

Prerequisites:
- MOA 1011 or MOA 011

1 minimum grade of 70 required

MOA 106-24 hours
Workplace Skills
This course is designed to introduce students to the basic communication skills used in the workplace. Students will learn how to create a welcoming atmosphere, common factors affecting behavior, communication strategies for difficult situations and diverse populations. These skills will include written and oral communication, and working with others.
MOA 107-90 hours
Practicum
This supervised experience provides the student with an opportunity to integrate the theory into practice at one of several accredited practicum sites. During this hands-on experience, students gain further insights, awareness and knowledge of the workspace.

Prerequisites:
- MOA 1011 or MOA 011
- MOA 1021
- MOA 1031
- MOA 1041
- MOA 1051
- MOA 1061

1 minimum grade of 70 required

Modern Languages

MODL 295-3-3
Special Topics I
Conducted in English, this course is an examination of selected topics in Modern Languages. Topics may include an introduction to translation studies, Hispanic cultures and language, second language acquisition theory and practice. Please consult with the department for current offerings. This course may be taken more than once but with a different topic emphasis. (3,0,0)

Prerequisites:
- second-year standing or permission of instructor.

MODL 296-3-3
Language for Specific Purposes
Conducted in the language of the topic, this course is an examination of selected topics in Modern Languages. Learners will enhance their language skills for professional and cultural purpose. Please consult with the department for the current topic. This course may be taken more than once but with a different topic. (3,0,0)

Prerequisites:
- 6 credits of the language conducted in this course or permission of the instructor.

Microcomputer Accounting

MSAC 101
Bookeeping Review

MSAC 102
Accpac Plus General Ledger I

MSAC 103
Accpac Plus Accts Receivable

MSAC 104
Accpac Plus Accounts Payable

MSAC 105A
Simply Accounting for Dos-Intr

MSAC 105B
Simply Accounting for Windows

MSAC 106
Accpac Fundamentals

MSAC 201A
Simply Accounting Dos - Interm

MSAC 201B
Simply Acctg Windows - Inter

MSAC 202
Accpac Plus Gen Ledger - Inter

Computer Animation

Software Systems Support

Microcomputer Graphics

MSCG 103
Image Process Corel PhotoPaint

MSCG 104
Comp Graphic Design CorelDRAW

MSCG 201B
Using Corel Photo-paint II

Computers in the Workplace

Microcomputer Data Management

MSDM 101-18 hours
Data Management Intr - Access

Also offered by Distance Education

MSDM 101A
DBASE IV

MSDM 201-24 hours
Data Mgmnt Intermed. - Access
Also offered by Distance Education

MSDM 201A
DBASE IV - Intermediate

MSDM 221
Data Mgmt Adv - Access

MSDM 301
Data Mgmt Project - Access

MSDM 301B
Access - Advanced

Electronic Publishing

File and Desktop Management

MSFD 101-12 hours
File and Desktop Management
Proprietary file and desktop management skills are essential in today's workforce. This course will enable students to become proficient with the current operating system used by most employers. Topics covered include creating and customizing folders, organizing and managing files and folders, selecting, copying, deleting and renaming files and folders, formatting floppy disks, customizing the desktop and using various items in the control panel.

Microcomputer Applications - Internet

MSIN 106
Internet Tech and Terminology

MSIN 112
Internet Information Access

MSIN 115
Web Commerce

MSIN 301
Internetworking TCP/IP

MSIN 302
Create & Configure Web Server

Microcomputer Supporting Applications Software

MSMS 101
PC Hardware & Software Concept

MSMS 102
PC Technology & Terminology

MSMS 105
Presentation Skills

MSMS 201
Installation & Maintenance

MSMS 202
Operating Systems Intermed.

MSMS 203
Network Essentials

MSMS 204
Install/Maint Hard. & Networks

MSMS 302
Operating Systems Advanced

PowerPoint Presentation Manager

Management Skills

Microcomputer Spreadsheets

MSSS 101-18 hours
Spreadsheets Introduction - Excel
Students will learn basic spreadsheet techniques with Microsoft Excel including the creation of simple worksheets, formatting and printing worksheets and creating graphs and charts. There may be other topics specific to the version of software being taught.

MSSS 102
Installation of Software

MSSS 103
Network Management

Microcomputer Word Processing

MSWP 101-18 hours
Word Processing Introduction - Word
In this course students will learn the basic techniques of word processing with Microsoft Word for Windows including the ability to create, edit, and print documents and the application of appropriate formatting. There may be other topics that are specific to the version of software being taught.

Also offered by Distance Education
MSWP 201-24 hours  
**Word Processing Intermediate - Word**  
Building on the skills learned in the introductory course, students will develop skills important for the creation and management of large multipage documents. Topics include file management, text manipulation, tables, merging, sorting, page numbering and headers and footers. There may be other topics that are specific to the version of software being taught.

Also offered by Distance Education

MSWP 301A  
**WordPerfect for DOS - Advanced**

MSWP 301B  
**WordPerfect for Windows - Advanced**

MSWP 301C  
**Word for Windows - Advanced**

Metal Fabricator (Fitter)

MTFB 101A-12 hours  
**TH: Safety**  
This course introduces students to specific occupational health and safety rules and regulations currently in effect in the metal fabrication industry and instructs students on safe work practices.

MTFB 101B  
**PR: Safety**  
This course introduces students to specific occupational health and safety rules and regulations currently in effect in the metal fabrication industry and instructs students on safe work practices.

MTFB 102-66 hours  
**Trades Mathematics**  
This course reviews basic math skills for students who have completed Grade 10 Math and further develops math skills required in the metal fabrication industry. Topics covered include fractions, ratio and proportion, squares and square roots, geometry, and trigonometry relating to the metal fabricating industry.

MTFB 103A-40 hours  
**TH: Hand Tools/Power Equipment**  
This course introduces students to the operating methods and maintenance of basic hand and power tools and shop equipment that are used in the metal fabricating industry.

MTFB 103B  
**PR: Hand Tools/Power Equipment**  
This course introduces students to the operating methods and maintenance of basic hand and power tools and shop equipment that are used in the metal fabricating industry.

MTFB 104A-96 hours  
**TH: Blueprint Reading/Sketching**  
This course introduces students to basic symbols, lines and techniques used to create blueprints. Students will learn how to extract information and measurements from construction drawings and will learn the basic techniques required to produce clean, consistent and accurate sketches that can be read by others in the metal fabricating industry.

MTFB 104B  
**PR: Blueprint Reading/Sketching**  
This course introduces students to basic symbols, lines and techniques used to create blueprints. Students will learn how to extract information and measurements from construction drawings and will learn the basic techniques required to produce clean, consistent and accurate sketches that can be read by others in the metal fabricating industry.

MTFB 105A-60 hours  
**TH: Patterns and Templates**  
This course introduces students to concepts associated with the design and development of patterns and templates. Students also learn how to increase productivity and minimize material through the use of patterns and templates.

MTFB 105B  
**PR: Patterns and Templates**  
This course introduces students to concepts associated with the design and development of patterns and templates. Students also learn how to increase productivity and minimize material through the use of patterns and templates.

MTFB 106A-107 hours  
**TH: Welding and Cutting**  
This course introduces students to the various welding and burning methods that are used by metal fabricators and further develops the pertinent welding skills of the students.

MTFB 106B  
**PR: Welding and Cutting**  
This course introduces students to the various welding and burning methods that are used by metal fabricators and further develops the pertinent welding skills of the students.

MTFB 107A-33 hours  
**TH: Material Handling**  
This course introduces students to various material handling devices such as hoists, cranes, and forklifts and the associated gear such as ropes, cables, chains, slings, shackles, and clamps and other rigging tools.
attachments. Students also learn hand signals and appropriate piling and storage procedures and handling techniques of heavy objects.

**MTFB 107B**  
**PR:** Material Handling  
This course introduces students to various material handling devices such as hoists, cranes, and forklifts and the associated gear such as ropes, cables, chains, slings, shackles, and clamps and other rigging attachments. Students also learn hand signals and appropriate piling and storage procedures and handling techniques of heavy objects.

**MTFB 108A-90 hours**  
**TH:** Fitting-Plate & Structural  
This course introduces students to the development of many irregular shapes for fabricating chutes, hoppers, conveyors, and other structural assemblies.

**Nail Technician**

**Nursing, BSN**

**NRSU 101-2-4.5**  
**Nursing Lab Practice I**  
In this course learners will develop evidence-informed nursing practice through theory laboratory and simulation learning. Learners gain knowledge, skills and abilities needed to practice foundational nursing assessments and safe ethical care. Concepts align with NRSU 136 intentional learning activities. (1.5,3,0)

Prerequisites:
- NRSU 110¹ and NRSU 111¹ and NRSU 112¹ and NRSU 113¹ and BIOL 131¹

Corequisites:
- NRSU 120 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

¹ minimum grade of 60 required

**NRSU 110-3-3**  
**Applied Research in Nursing I**  
In this course learners develop a basic understanding of statistical concepts and procedures with the goal of developing statistical literacy in nursing and health care contexts. Includes the use of both descriptive and inferential statistical methods as well as an introduction to software used in quantitative data analysis. (3,0,0)

Prerequisites:
- the corequisite of ENGL 150 or the corequisite of ENGL 151 or the corequisite of ENGL 153-

Admission to the Bachelor of Science in Nursing (Years 1 and 2)

Corequisites:
- NRSU 111 and NRSU 112 and NRSU 113 and BIOL 131
- ENGL 100

**NRSU 111-3-3**  
**Foundations of Health**  
In this course learners explore the meaning of health and healing; recognize diversity of beliefs, values, and perceptions of health. They are introduced to the Canadian Health Care System, conceptual frameworks of health promotion, determinants of health, disease and injury prevention, and primary health care. (3,0,0)

Prerequisites:
- the corequisite of ENGL 150 or the corequisite of ENGL 151 or the corequisite of ENGL 153-Admission to the Bachelor of Science in Nursing (Years 1 and 2)

**Corequisites:**
- NRSU 112
- NRSU 113
- BIOL 131ENGL 100
- NRSU 110

**NRSU 112-1.5-1.5**
**Introduction to the Profession of Nursing I**
In this course learners develop critical reflection of the historical, political and socioeconomic evolution of nursing. They explore foundational theories, nursing practice standards, ethical principles, ethical decision making, and health law that guides evidence informed professional nursing practice. (1.5,0,0)

**Prerequisites:**
- the corequisite of ENGL 150 or the corequisite of ENGL 151 or the corequisite of ENGL 153-Admission to the Bachelor of Science in Nursing (Years 1 and 2)

**Corequisites:**
- NRSU 110 and NRSU 111 and NRSU 113 and BIOL 131
- ENGL 100

**NRSU 113-1.5-1.5**
**Relational Practice I**
In this course learners develop an understanding of self and the capacity to be in caring relation with others (individual, groups, populations, communities). They reflect on personal perspectives and experiences to understand their own attitudes, beliefs, and values. (1.5,0,0)

**Prerequisites:**
- the corequisite of ENGL 150 or the corequisite of ENGL 151 or the corequisite of ENGL 153-Admission to the Bachelor of Science in Nursing (Years 1 and 2)

**Corequisites:**
- NRSU 112
- BIOL 131ENGL 100
- NRSU 110 and NRSU 111

**NRSU 120-3-3**
**Applied Research in Nursing II**
In this course learners are introduced to nursing research to gain knowledge, skills, and abilities to engage in evidence-informed nursing practice. Topics include research concepts, approaches, procedures/processes, ethics and application in diverse health care settings. (3,0,0)

**Prerequisites:**
- NRSU 110\(^1\) and NRSU 111\(^1\) and NRSU 112\(^1\) and NRSU 113\(^1\) and BIOL 131\(^1\)
- ENGL 100\(^1\) or ENGL 150\(^1\) or ENGL 151\(^1\) or ENGL 153\(^1\)

**Corequisites:**
- NRSU 101 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

\(^1\) minimum grade of 60 required

**NRSU 122-1.5-1.5**
**Introduction to the Profession of Nursing II**
Learners explore the historical development of nursing knowledge, theory, contemporary understandings of nursing as a discipline, the current body of knowledge defining it, and the relationship between practice and theory. It includes the development of teaching and learning knowledge, skills and abilities. (1.5,0,0)

**Prerequisites:**
- NRSU 110\(^1\) and NRSU 111\(^1\) and NRSU 112\(^1\) and NRSU 113\(^1\) and BIOL 131\(^1\)
- ENGL 100\(^1\) or ENGL 150\(^1\) or ENGL 151\(^1\) or ENGL 153\(^1\)

**Corequisites:**
- NRSU 101 and NRSU 120 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

\(^1\) minimum grade of 60 required

**NRSU 123-1.5-1.5**
**Relational Practice II**
Learners develop an understanding of relational care and relational ethics to build knowledge, skills and abilities to engage in relational practice with diverse individuals, families, and groups. Learners explore concepts and evidence for caring, therapeutic communication, and relational identity. (1.5,0,0)

**Prerequisites:**
- NRSU 110\(^1\) and NRSU 111\(^1\) and NRSU 112\(^1\) and NRSU 113\(^1\) and BIOL 131\(^1\)
- ENGL 100\(^1\) or ENGL 150\(^1\) or ENGL 151\(^1\) or ENGL 153\(^1\)

**Corequisites:**
- NRSU 101 and NRSU 120 and NRSU 122 and NRSU 126 and NRSU 136 and BIOL 133
NRSU 126-3-3  
**Health Assessment**  
Learners develop introductory knowledge of adult health assessment with a focus on the older adult with stable chronic health conditions. Concepts align with NRSU 136 intentional learning activities. Nursing theories and evidence informed frameworks guide approaches to care, assessments, clinical reasoning, and care planning. (3,0,0)

**Prerequisites:**
- NRSU 110¹ and NRSU 111¹ and NRSU 112¹ and NRSU 113¹ and BIOL 131¹  
- ENGL 100¹ or ENGL 150¹ or ENGL 151¹ or ENGL 153¹

**Corequisites:**
- NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 136 and BIOL 133

¹ minimum grade of 60 required

NRSU 136-3-6  
**Nursing Practice I**  
In this first nursing practicum learners develop knowledge, skills and abilities to provide safe ethical nursing care to adults with stable chronic health conditions. Intentional learning activities integrate knowledge from NRSU 101 and NRSU 126. The focus is on assessment, clinical reasoning, care planning, and documentation. (0,6,0)

**Prerequisites:**
- NRSU 110¹ and NRSU 111¹ and NRSU 112¹ and NRSU 113¹ and BIOL 131¹  
- ENGL 100¹ or ENGL 150¹ or ENGL 151¹ or ENGL 153¹

**Corequisites:**
- NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 136 and BIOL 133

¹ minimum grade of 60 required

NRSU 201-2-4.5  
**Nursing Lab Practice II**  
In this course, learners develop evidence-informed practice through theory, laboratory and simulation learning. Learners advance their knowledge, skills, and abilities in preparation to practice nursing assessments and safe ethical care in acute care settings. Concepts align with NRSU 236 intentional learning activities. (1.5,3,0)

**Prerequisites:**
- NRSU 126¹  
- NRSU 136¹  
- BIOL 133¹NRSU 122¹  
- NRSU 123¹

**Corequisites:**
- NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260

¹ minimum grade of 60 required

NRSU 202-2.4-5  
**Nursing Lab Practice III**  
This course is a continuation of NRSU 201. Learners are provided additional opportunities to develop evidence-informed approaches for safe ethical care. Concepts align with NRSU 237 intentional learning activities. (1.5,3,0)

**Prerequisites:**
- NRSU 201¹ and NRSU 210¹ and NRSU 213¹ and NRSU 226¹ and NRSU 229¹ and NRSU 239¹ and BIOL 260¹

**Corequisites:**
- NRSU 220 and NRSU 223 and NRSU 227 and NRSU 228 and NRSU 237 and NRSU 238 and BIOL 261

¹ minimum grade of 60 required

NRSU 210-1.5-1.5  
**Pharmacology I**  
In this course learners develop an understanding of the principles of pharmacology, including pharmacokinetics and pharmacodynamics of major drug classes using prototype drugs they develop knowledge and systematic approaches to safely and ethically administer drug therapy. (1.5,0,0)

**Prerequisites:**
- NRSU 101¹ and NRSU 120¹ and NRSU 122¹ and NRSU 123¹ and NRSU 126¹ and NRSU 136¹ and BIOL 133¹

**Corequisites:**
- NRSU 201 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260

¹ minimum grade of 60 required

NRSU 213-1.5-1.5  
**Relational Practice III**  
In this course learners critically reflect on their
understanding of how relationships, and the creation of therapeutic relationships, impact the health and healing of individuals and families. Learners explore various relational theories and lenses, evidence-informed approaches, and practice issues, to develop strategies for therapeutic, ethical, and holistic care. (1.5,0,0)

Prerequisites:
• NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

Corequisites:
• NRSU 201 and NRSU 210 and NRSU 226 and NRSU 236 and NRSU 239 and BIOL 260

¹ minimum grade of 60 required

NRSU 220-1.5-1.5
Pharmacology II
This is a continuation of NRSU 210. Learners develop further knowledge of the principles of pharmacology, and systematic approaches to safely and ethically administer drug therapy. (1.5,0,0)

Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 236 and NRSU 239 and BIOL 260

Corequisites:
• NRSU 202 and NRSU 223 and NRSU 227 and NRSU 228 and NRSU 238 and BIOL 261

¹ minimum grade of 60 required

NRSU 226-1.5-1.5
Health and Healing I
In this course learners develop knowledge of evidence-informed assessment and management of health challenges in both episodic and chronic illness. Concepts align with NRSU 236 intentional learning activities. (1.5,0,0)

Prerequisites:
• NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

Corequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 236 and NRSU 239 and BIOL 260

¹ minimum grade of 60 required

NRSU 227-1.5-1.5
Health and Healing II
This course is a continuation of NRSU 226. In this course, learners expand their knowledge of evidence-informed assessment and management of health challenges in both episodic and chronic illness. Concepts align with NRSU 237 intentional learning activities. (1.5,0,0)

Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 236 and NRSU 239 and BIOL 260

Corequisites:
• NRSU 202 and NRSU 220 and NRSU 223 and NRSU 227 and NRSU 228 and NRSU 237 and NRSU 238 and BIOL 261

¹ minimum grade of 60 required

NRSU 228-1.5-1.5
Community Health
Learners will develop an understanding of theories, ethics, and evidence informed approaches to community health nursing including primary health care, population health, health maintenance and promotion, and disease and injury prevention. They explore concepts of community based assessment, planning, intervention and evaluation with community-as-client. (1.5,0,0)
Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260

Corequisites:
• NRSU 202 and NRSU 220 and NRSU 223 and NRSU 227 and NRSU 237 and NRSU 238 and BIOL 261

\(^1\) minimum grade of 60 required

**NRSU 229-1.5-1.5**  
**Mental Health**  
In this course, learners develop evidence-informed promotion of mental well-being, and assessment and management of episodic and chronic mental health challenges across the life span. (1.5,0,0)

Prerequisites:
• NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

Corequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 236 and NRSU 239 and BIOL 260

\(^1\) minimum grade of 60 required

**NRSU 236-3-6**  
**Nursing Practice II**  
In this acute care setting practicum, learners develop basic knowledge, skills, and abilities to provide safe ethical nursing care to adults with episodic and chronic health challenges. Intentional learning activities integrate knowledge from NRSU 201 and NRSU 226. The focus is on assessment clinical reasoning, care planning, and documentation. (0,6,0)

Prerequisites:
• NRSU 101 and NRSU 120 and NRSU 122 and NRSU 123 and NRSU 126 and NRSU 136 and BIOL 133

Corequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 239 and BIOL 260

\(^1\) minimum grade of 60 required

**NRSU 237-3-6**  
**Nursing Practice III**  
This second acute care practicum is a continuation of NRSU 236. In this course, learners further develop their knowledge, skills, and abilities to provide safe ethical nursing care for adults with episodic and chronic health challenges. Intentional learning activities integrate evidence informed knowledge from NRSU 202, and NRSU 227. (0,6,0)

Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260

Corequisites:
• NRSU 202 and NRSU 220 and NRSU 223 and NRSU 227 and NRSU 228 and NRSU 237 and BIOL 261

\(^1\) minimum grade of 60 required

**NRSU 238-3-6**  
**Nursing Practice in Community**  
In this practicum in community health nursing develops knowledge, skills and abilities needed to provide safe ethical nursing care within varied community settings with diverse populations. Students draw on principles of social justice and the social determinants of health to engage in evidenced-informed community assessments, health promotion/illness prevention activities, and health teaching. (0,6,0)

Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260

Corequisites:
• NRSU 202 and NRSU 220 and NRSU 223 and NRSU 227 and NRSU 228 and NRSU 237 and BIOL 261

\(^1\) minimum grade of 60 required

**NRSU 239-3-6**  
**Practice in Mental Health**  
In this mental health practicum provides opportunities to acquire knowledge, skills, and abilities to promote wellness, through safe, ethical nursing care, in a variety of contexts. The students present a mental well-being project to a specific target population. Other experiences will provide students an understanding of the mental health nursing process. (0,6,0)

Prerequisites:
• NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and NRSU 239 and BIOL 260
Corequisites:
- NRSU 201 and NRSU 210 and NRSU 213 and NRSU 226 and NRSU 229 and NRSU 236 and BIOL 260

1 minimum grade of 60 required

Nursing

NSGU 111-3-3
Health and Healing I: Living Health
This course provides opportunities for participants to examine the meaning of health (personal, family, community, and societal) and the theoretical and conceptual frameworks of health (health promotion, primary health care, prevention, health determinants). Reflecting on personal experiences, participants identify personal resources and challenges impacting health. Participants will recognize the diversity of beliefs, values, and perceptions of health. (3,0,0)

Corequisites:
- BIOL 131

Concurrent Registration: NSGU 112, NSGU 113, NSGU 114

NSGU 112-3-3
Professional Practice I: Intro to the Professions of Nursing
This course provides opportunities for participants to: examine the relationship of the foundational curriculum concepts to nursing practice; explore and critically reflect upon nursing history and political/socioeconomic forces shaping the status of women and the evolution of the nursing profession; and, explore nursing practice standards and safe ethical practice. (3,0,0)

Concurrent Registration: NSGU 111, NSGU 113, NSGU 114

NSGU 113-3-3
Relational Practice I: Self and Others
This course provides opportunities for participants to: explore multiple factors influencing their capacity to be in caring relation to others (individual, family, groups, populations, communities); question personal perspectives of experience in order to uncover attitudes, beliefs, and values; and, to share and acknowledge differences. Emphasis will be place on the phenomenological attitude. (3,0,0)

Concurrent Registration: NSGU 111, NSGU 112, NSGU 114

NSGU 114-3-6
Nursing Practice I: Introduction to Nursing Practice
This course provides opportunities for participants to integrate their learning from other BSN semester one courses with their beginning understanding of nursing practice. Students will engage with healthy families in the community and with nurses in practice to explore the breadth of nursing practice. This course is graded as pass or fail. (3,3,0)

Concurrent Registration: NSGU 111, NSGU 112, NSGU 113

NSGU 121-3-3
Health and Healing II: Health Indicators
This course provides opportunities for participants to focus on individual, family, and community health assessment. Students explore and critique theoretical and conceptual frameworks of health assessment including: early childhood development; family development; healthy aging; and, community development. Assessment within the context of decision-making is explored. (3,0,0)

Prerequisites:
- BIOL 1311 and NSGU 1111 and NSGU 1121 and NSGU 1131 and NSGU 1142

Corequisites:
- BIOL 133

Concurrent Registration: NSGU 122, NSGU 124
1 minimum grade of 60 required
2 minimum grade of P required

NSGU 122-3-3
Professional Practice II: Introduction to the Discipline of Nursing
This course provides participants with an introduction to the discipline of nursing. Participants explore historical development of nursing knowledge and theory as well as contemporary understandings of nursing as a discipline and the body of knowledge defining it. Relationships between practice, theory, and research are explored. (3,0,0)

Prerequisites:
- BIOL 1311 and NSGU 1111 and NSGU 1121 and NSGU 1131 and NSGU 1142

Concurrent Registration: NSGU 121, NSGU 124
1 minimum grade of 60 required
2 minimum grade of P required

NSGU 124-6-13
Nursing Practice II: Coming to Know the Client
This course provides opportunities for participants to
develop caring relationships with groups, families, and individuals across the lifespan. Emphasis will be placed on health assessment, coming to know how clients understand and promote their health, and the nurse's role in partnering with the client in this process. Students will work in the home and community, agencies, and care facilities. This course is graded as a pass or fail. (3,3,7)

Prerequisites:
- NSGU 111\(^1\) and NSGU 112\(^1\) and NSGU 113\(^3\) and NSGU 114\(^2\)

Concurrent Registration: NSGU 121, NSGU 122
\(^1\) minimum grade of 60 required
\(^2\) minimum grade of P required

NSGU 130-2-30
Consolidated Practice Experience I
This course provides participants with two weeks of laboratory and clinical practice to assist them as they move forward from a health focus to a health challenge focus. Students develop an understanding of nurses’ responsibilities in health and health promotion. The course is graded as pass or fail. (0,30,0)

Prerequisites:
- NSGU 121\(^1\) and NSGU 122\(^1\) and NSGU 124\(^2\)
\(^1\) minimum grade of 60 required
\(^2\) minimum grade of P required

NSGU 211-3-6
Health and Healing III: Health Challenges/Healing Initiatives
This course provides participants opportunities to focus on people's experience with healing and health challenges (chronic and episodic) and integrate theory and concepts of health and healing. Complementary to BIOL 231, students are provided opportunity to integrate pathophysiology with understanding of health and healing and nursing approaches. (6,0,0)

Prerequisites:
- NSGU 114\(^1\) and NSGU 121\(^2\) and BIOL 133\(^2\) and NSGU 124\(^1\) and NSGU 130\(^1\)

Corequisites:
- BIOL 231

Concurrent Registration: NSGU 213, NSGU 214
\(^1\) minimum grade of P required
\(^2\) minimum grade of 60 required

NSGU 213-3-3
Relational Practice II: Creating Health-Promoting Relationships
This course provides participants with opportunities to focus on relational caring and relational practice with individuals, families, and groups (diverse age, culture, and experience). Students develop understanding of caring and the connection between caring and relationship, and health and healing. Students also explore theories/processes of caring, relational identity development of self as nurse, and relational practice. (3,0,0)

Prerequisites:
- NSGU 113\(^1\)

Concurrent Registration: NSGU 211, NSGU 214
\(^1\) minimum grade of 60 required

NSGU 214-6-16
Nursing Practice III: Promoting Health and Healing
This course provides participants opportunities to develop caring relationships with individuals and families for health promotions, while coming to understand their unique health and healing processes. Students work with individuals and families experiencing common health challenges (both episodic and chronic) in home, community, agencies, and care facilities. The course is graded as pass or fail. (3,10,0)

Prerequisites:
- NSGU 114\(^1\) and BIOL 133\(^2\) and NSGU 121\(^2\) and NSGU 122\(^2\) and NSGU 124\(^1\) and NSGU 130\(^1\)

Corequisites:
- BIOL 235

Concurrent Registration: NSGU 224
\(^1\) minimum grade of 60 required

NSGU 221-3-6
Health and Healing IV: Health Challenges/Healing Initiatives
This course provides participants opportunities to continue to develop an understanding of people's experience with healing related to increasingly complex chronic and episodic health challenges within a variety of practice contexts. Complementary to BIOL 235, students integrate pathophysiology, health and healing, and nursing approaches. (6,0,0)

Prerequisites:
- NSGU 211\(^1\) and NSGU 214\(^2\)

Corequisites:
- BIOL 235

Concurrent Registration: NSGU 224
\(^1\) minimum grade of 60 required
\(^2\) minimum grade of P required
NSGU 224-6-16  
**Nursing Practice IV: Promoting Health and Healing**

This course is a continuation of NSGU 214 and provides participants an opportunity to focus on increasingly complex episodic health challenges. Students develop caring relationships with individuals and families for health promotion while coming to understand their health and healing processes when experiencing more complex health challenges (episodic and chronic). Students practice nursing approaches while working in home, community, agencies, and care facilities. This course is graded as a pass or fail. (3,13,0)

**Prerequisites:**
- NSGU 211 and NSGU 214

**Concurrent Registration:** NSGU 221

1 minimum grade of P required

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NSGU 230-4-36  
**Consolidated Practice Experience II**

This five week course provides participants opportunities to develop caring relationships with individuals and families experiencing increasingly chronic and episodic health challenges. Participants consolidate learning from the first and second years of the program in a variety of settings. This course is graded as pass or fail. (0,36,0)

**Prerequisites:**
- BIOL 235 and NSGU 221 and NSGU 224

1 minimum grade of 60 required
2 minimum grade of P required

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**Network and Telecommunications Engineering Technology**

*Prerequisites may be waived by the Network and Telecommunications Engineering Technology department. See prerequisite waiver.*

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NTEN 111-3-5.5  
**Computer Components and Peripherals**

This course is an introduction to the technologies and terminologies of Personal computer and operating systems. Computer components and their interactions are examined as well as the configuration and management of a workstation operating system. Special emphasis is given to PC components, peripheral data storage, disk management, file systems, boot process, operating system configuration and basic scripting. Students with credit for ELEN 115 cannot take NTEN 111 for further credit. (3,2,5,0)

**Prerequisites:**
- admission to the Electronic Engineering Technology program, or the Network and Telecommunications Engineering Technology program, or the Computer Information Systems diploma or degree program

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NTEN 112-3-5.5  
**Computer Programming I**

(formerly NTEN 224)

This course is an introduction to the design, implementation, and understanding of computer programs. Topics include problem solving, modeling, algorithm design, and abstraction, with the emphasis on the development of working programs. This course should be followed by COSC 121. Students with credit for COSC 111 cannot take NTEN 112 for further credit. (3,2,5,0)

**Prerequisites:**
- admission to the Electronic Engineering Technology program, or the Network and Telecommunications Engineering Technology program, or the Computer Information Systems diploma or degree program.

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NTEN 113-3-5  
**Voice and Data Communications Infrastructure**

Focusing on the physical connectivity elements of voice and data networks, this course provides an understanding of world-wide cabling standards, physical media, methods of troubleshooting, network documentation, cable management, fundamentals of telephony, and workplace safety. In the lab, students will create a voice and data network infrastructure, including key telephone switching equipment. (3,2,0)

**Prerequisites:**
- admission to the Electronic Engineering Technology program, or the Network and Telecommunications Engineering Technology program, or the Computer Information Systems diploma or degree program.

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NTEN 117-3-5.5  
**Networks and Telecommunications I**

This course introduces the theory and practice of modern telecommunications with an emphasis on the TCP/IP (Transmission Control Protocol/Internet Protocol) stack. Students will learn to install and troubleshoot the electronic components necessary for telephony and data communications. Students with credit for COSC 118 or COSC 218 cannot take NTEN 117 for further credit. (3,2,5,0)

**Prerequisites:**
- admission to the Electronic Engineering Technology program, or the Network and Telecommunications Engineering Technology program, or the Computer Information Systems diploma or degree program.
Telecommunications Engineering Technology program, or the Computer Information Systems diploma or degree program

**NTEN 123-3-5.5**

**Network Applications of Analog and Digital Systems**

Learners will explore analog and digital concepts involved in the interconnection of electronic equipment. Fundamental electrical principles will be studied in DE electrical circuits. Methods for representing analog data in digital form will be studied with emphasis on current telecommunications and industrial networking technology. (3,2.5,0)

**Prerequisites:**
- NTEN 113
- NTEN 117

**NTEN 124-3-5.5**

**Desktop Applications Programming**

In this course students will use high-level programming languages to write routines for automation, user interaction and data manipulation. Dynamic data exchange between applications and OLE (Object Linking and Embedding) automation will be explored. Database theory is introduced. Students will program a desktop database engine into a stand-alone application. (3,2.5,0)

**Prerequisites:**
- COSC 111

**NTEN 127-3-5.5**

**Local Area Network Management**

This course introduces students to various operating systems and their characteristics as both clients and servers in a networked environment. Emphasis is given to user and resource management, security, and dissimilar environments. (3,2.5,0)

**Prerequisites:**
- NTEN 117
- CMNS 113

**NTEN 128-3-5.5**

**Scripting for Network and System Administrators**

Shell Scripting is the foundation for efficiently and effectively administering a growing number of operating systems and software products. Building on knowledge of general programming structures, this course will teach students to create and maintain scripts that automate day-to-day server and workstation functions. Students will be provided with a full-featured interactive command line environment. Upon successful completion, students will be able to automate administrative tasks utilizing both user-created and built-in scripts, as well as understand and implement security mechanisms provided within the operating system environment. Credit will not be given for both NTEN 128 and NTEN 228. (3.2.5,0)

**Prerequisites:**
- NTEN 112 or COSC 111

**Corequisites:**
- NTEN 127

**NTEN 129-3-4**

**Project Management for Network and System Administrators**

In this course, students learn to manage time, plan tasks and evaluate progress within an Information Technology project lifecycle. Various methodologies and software will be compared and contrasted. Documentation will be defined and produces, including: proposals, definitions, status reports and final deliverables. Blended theory and practice will enable students manage all aspects of a system design and development project. (2,2,0)

**Prerequisites:**
- NTEN 117
- NTEN 137

**NTEN 137-3-5.5**

**Routing and Switching I**

This course introduces the theory of interconnecting computer networks through routers and switches. Emphasis is given to router configuration and dynamic routing protocols using the Internet. (3,2.5,0)

**Prerequisites:**
- NTEN 117

**NTEN 199-3-60**

**Topics in Internetworking**

(formerly ELEN 199)

Students will work on various all-day projects that relate to practical scenarios and problems in the industry such as fault tolerance, redundancy, interaction between dissimilar systems and network management.

This course is offered 6 hours per day after the winter semester final exam period. (30,30,0)

**Corequisites:**
- NTEN 127
- NTEN 137
- NTEN 129

**NTEN 207-3-5.5**

**Enterprise Telecommunications**
Students will learn to install, configure and maintain modern enterprise telecommunications systems. Topics will range from fundamental switching concepts through to advanced call handling applications, IVR and IP based trunking. This will provide students with a vendor neutral enterprise telecommunications skill set. Upon completion, students should display the ability to work with a variety of systems, and the ability to use vendor technical manuals in all related tasks. (3,2.5,0)

Prerequisites:
- NTEN 123
- NTEN 137

**NTEN 211-3-5.5**
Virtualization for Enterprise System Administrators
This course examines the implementation of virtualization to support an enterprise environment. Students will learn how virtualization can consolidate workloads, improve equipment utilization, and apply resources on demand. Virtualization will be used to support desktop environments and enable dynamic provisioning in a cloud infrastructure. (3,2.5,0)

Prerequisites:
- NTEN 127

**NTEN 214-3-5.5**
Database Development
This course introduces the power and versatility of client/server database systems. An in-depth look at database connectivity standards and various SQL dialects will allow students to write nested query structures and develop sophisticated end-user applications based on client/server technologies. This course complements NTEN 215. (3,2.5,0)

Prerequisites:
- NTEN 124

**NTEN 215-3-5.5**
Intranet Technologies I
This course focuses on the commercial use of intranets and the Internet. Students will learn how to set up FTP (File Transfer Protocol), World Wide Web and commerce servers, and link them to remote databases. An introduction to HTML (hypertext markup language) and active content programming will allow students to build online interactive solutions for integrated corporate information needs. (3,2.5,0)

Prerequisites:
- NTEN 124

**NTEN 217-3-5.5**
Routing and Switching II
In this course, students learn the technologies and protocols needed to design and implement a converged network. Students configure switches for basic functionality and implement Virtual LANs and Inter-VLAN routing. Students learn how to implement and configure common data link protocols and how to apply WAN security concepts, principles of traffic, access control, and addressing services. (3,2.5,0)

Prerequisites:
- NTEN 137

**NTEN 218-3-5.5**
Client and Server Security
In this course students learn the fundamentals of network system security and gain insight into the issues behind securing a network system on the Internet. Students will develop a framework for an enterprise security policy and learn to install, configure and maintain applications to enforce this security policy. This course covers a comprehensive overview of security technologies and best practices with particular emphasis on hands-on skills in the following areas: firewalls, client and server security, antivirus and malware protection, products, setup and troubleshooting. (3,2.5,0)

Prerequisites:
- NTEN 127

**NTEN 219-3-3**
Linux Server Management
This course builds on the concepts introduced in NTEN 127 with specific emphasis on open source operating systems and tools. Students will study installation and configuration of servers, user and file management, performance tuning, backup and recovery. (3,2.5,0)

Prerequisites:
- NTEN 127

**NTEN 221-3-5.5**
Fundamentals of Wireless Networking
This introductory course focuses on the design, planning, implementation, operation and troubleshooting of Wireless LANs (Local Area Network) and WANs (Wide Area Networks). It covers a comprehensive overview of technologies, security, and design best practices with particular emphasis on hands-on skills in the following areas: Wireless LAN technologies, products, setup and troubleshooting, radio technologies, wireless LAN applications, security and site surveys and emerging wireless technologies. (3,2.5,0)

Prerequisites:
- NTEN 137
NTEN 223-3-5.5
Internet of Things
Learners will explore the involved interconnection of IoT concepts from network edge through data storage and analysis. IoT data transport protocols, data storage solutions and introductory data analysis techniques will be introduced. Learners will compare and utilize existing enterprise IoT solutions as potential platforms. Emphasis is placed on building and utilizing an edge to storage solution, enabling detailed data discovery and analysis. (3,2.5,0)

Prerequisites:
• NTEN 123 and NTEN 128 and NTEN 211 and NTEN 219

NTEN 225-3-5.5
Internetwork Security I
This course is a fundamental evaluation of network security that focuses on the overall security process with particular emphasis on hands-on skills in security policy design and management on routers and firewalls. An in-depth look at security technologies includes identity services, intrusion detection and VPN (Virtual Private Network) implementations. (3,2.5,0)

Prerequisites:
• NTEN 217

NTEN 227-3-5.5
Carrier Telecommunications
With their knowledge of wide-area networking, students will be introduced to the services and infrastructure provided by local, national and international telecommunications carriers. Students will gain an understanding of current distribution and core transport technologies. (3,2.5,0)

Prerequisites:
• NTEN 217 and NTEN 207

NTEN 228-3-5.5
Scripting for Network and System Administrators
Shell Scripting is the foundation for efficiently and effectively administering a growing number of operating systems and software products. Building on knowledge of general programming structures, this course will teach students to create and maintain scripts that automate day-to-day server and workstation functions. Students will be provided with a full-featured interactive command line environment. Upon successful completion, students will be able to automate administrative tasks utilizing both user-created and built-in scripts, as well as understand and implement security mechanisms provided within the operating system environment. (3,2.5,0)

Prerequisites:
• NTEN 112 or COSC 111
• NTEN 127
• NTEN 219

NTEN 299-3-5
Network Project
This project course is dedicated to the analysis of theoretical and practical aspects of selected examples of networking. It forms the application and extension of knowledge from previous and current courses as it relates to practical network scenarios. Students will be required to submit a technical report based on a major architectural project and do a presentation before a selected audience. (2,3,0)

Prerequisites:
• NTEN 199
• NTEN 217

Corequisites:
• NTEN 225

NTEN 317-3-5.5
Routing and Switching III
This course extends students’ understanding of routing protocols. Theory and laboratory work associated with scalable Internet addressing, advanced routing protocols, access list configuration and edge router connectivity is included. (3,2.5,0)

Prerequisites:
• NTEN 217

Also offered by Distance Education

NTEN 327-3-5.5
Local Area Network Management II
This course addresses the theory and practice of directory implementation. It will focus on preventing, troubleshooting, and solving common problems related to network directory communication, synchronization, caching, and replication processes and on such integral tasks as server maintenance, database backup, and disaster prevention and recovery. (3.2.5,0)

Prerequisites:
• NTEN 127
• third-year standing

Also offered by Distance Education

NTEN 355-3-5.5
Internetwork Security II
This course focuses on advanced network security technologies and appliances as well as remote

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security management. This course brings together all the components learned in previous security courses to produce a secure, modular, framework for designing, managing and securing a network infrastructure. (3,2.5,0)

Prerequisites:
- NTEN 225

NTEN 357-3-5.5
Advanced Telecommunications II
Wireless network topics, including a review of networking fundamentals, queueing models and theory and network calculus, i.e. the application of min-plus algebra to packet networks, form the core of this course. The characteristics and design philosophy of existing wireless networking protocols are analysed while state-of-the art technologies are examined. (3,2.5,0)

Prerequisites:
- NTEN 227

Nursing Unit Assistant

Office Administration (Introduction)

OA 90-30 hours
Communication Skills
This course will teach the learner to recognize and identify parts of speech, apply grammar and punctuation rules, understand and use business vocabulary and develop written material specific to business scenarios.

OA 92-30 hours
Basic Office Procedures
This course will teach the student basic office procedures including effective telephone techniques, postal services, banking duties, receptionist skills, and basic filing rules.

OA 93-30 hours
Business Math
This course will teach the learner basic mathematical skills, use of an electronic calculator to solve business problems and to complete a variety of business documents.

OA 94-30 hours
Basic Accounting
Upon completion of this course, the learner will be able to journalize and post business transactions, prepare a trial balance, an income statement and a classified balance sheet for a service business.

OA 98-6 hours
Basic Supervisory Skills
This course will teach the learner strategies for stress management, setting priorities, time management, leadership skills, organizational skills, and interpersonal skills.

OA 99-30 hours
Sage 50
Learn how to effectively use the components of this integrated accounting software for small business. Topics covered include General Ledger, Accounts Receivable, Accounts Payable, Projects, Inventory and Payroll.

Office Administration

OADM 110-90 hours
Communications I
This course includes recognizing and identifying parts of speech, applying grammar and punctuation rules, understanding and using business vocabulary and summarizing written material. Students with credit for ABT 110 cannot take this module for further credit. Prior Learning Assessment: Challenge Exam available.

Also offered by Distance Education

OADM 111-60 hours
Letter Writing
Learners study the principles of effective business writing in order to compose clear, concise, and effective correspondence. Learners compose memos, emails, letters, reports and proposals for a variety of audiences and situations.

Prerequisites:
- OADM 110
- OADM 128

Also offered by Distance Education

OADM 127-60 hours
Administrative Assistant Simulation
Learners extend and apply word processing, spreadsheet, database, desktop publishing, and presentation software knowledge by completing a variety of practical, integrated projects. In this capstone course, learners also develop decision-making, prioritizing, and other administrative skills.

Prerequisites:
- OADM 111
- OADM 128
- OADM 129
- OADM 152
- OADM 165
- OADM 168
- OADM 169
- OADM 171
- OADM 174
- OADM 180
- OADM 181
- keyboarding speed of 40 net words per minute (nwpm)

Also offered by Distance Education

**OADM 128-75 hours**
*Word Processing I*
This course introduces word processing software. Learners key, format, proof, and edit business documents from text and speech. Prior Learning Assessment is an exam that includes both theory and practical components. Students with credit for OADM 175 or both OADO 175 and OADO 176 cannot take this course for further credit.

Prerequisites:
- OADM 167 or OADO 167

Also offered by Distance Education

**OADM 129-75 hours**
*Word Processing II*
This course is a continuation of the study of common word processing functions used to produce, edit, revise, format, organize, and transmit professional documents. Learners also identify, set up and operate transcription equipment to transcribe business documents. Students with credit for OADM 175 or both OADO 175 and OADO 176 cannot take this course for further credit.

Prerequisites:
- OADM 128

Also offered by Distance Education

**OADM 130-60 hours**
*Business Math and Calculators*
This course presents two essential skills for business students: number literacy and the ability to operate electronic calculators. Upon completion of this course the student will demonstrate proficiency in manipulating numbers for business application. The student will also demonstrate competency in touch control of an electronic calculator and full utilization of special features of electronic calculators to solve business problems. Students with credit for ABT 130 cannot take this module for further credit. Prior Learning Assessment: Challenge Exam

Also offered by Distance Education

**OADM 132-15 hours**
*Organizational Software*
In this course the student will learn how to utilize all of the functions of the MS Outlook program. The student will learn to effectively use functions and special features of MS Outlook and to apply problem solving techniques while working through practical assignments.

Prerequisites:
- OADM 167

Also offered by Distance Education

**OADM 135-30 hours**
*Records Management*
This course will introduce alphabetic, subject, geographic, numeric, and electronic filing systems as well as records management procedures, terminology, supplies and equipment.

Also offered by Distance Education

**OADM 136-60 hours**
*Office Procedures*
Upon completion of the Office Procedures course, the students will be able to effectively handle business telephone, postal, and shipping systems; complete basic business forms; manage work, time, and resources efficiently; perform reception duties; prepare for and document business meetings; and make travel arrangements.

Prerequisites:
- OADM 128

Also offered by Distance Education

**OADM 142-45 hours**
*Payroll Accounting*
Payroll accounting includes computing earnings, calculating deductions, recording and maintaining payroll records and disbursing cash payments. Upon completion of this course, the student will possess the skills necessary to complete all payroll functions for small to medium businesses, including journalizing payroll entries, issuing payments, managing payroll benefits and reporting to CRA, HRDC and Work Safe BC. Students with credit for ABT 142 cannot take this module for further credit.

Prerequisites:
- OADM 143

Also offered by Distance Education
OADM 143-90 hours
Accounting I
Learners study and apply basic accrual accounting theory to the analysis and recording of business transactions. Learners demonstrate the ability to journalize and post business transactions; prepare trial balance, income statements, and balance sheets for service businesses; reconcile bank accounts; and manage petty cash funds.

Also offered by Distance Education

OADM 144-60 hours
Accounting II
The course is a continuation of OADM 143 Accounting I. Topics include accounting for payables, receivables, and sales taxes; creating and analyzing budgets and financial statements for corporations and partnerships. Students with credit for OADM 140 or OADO 140 cannot take this course for further credit.

Prerequisites:
• OADM 143

Also offered by Distance Education

OADM 145-45 hours
Essential Office Skills
This course introduces essential skills for the accounting office including customer service, communication, records management, documentation, and time management.

Also offered by Distance Education

OADM 152-60 hours
Accounting Software I
Learners create company files, record transactions in the General, Receivable, Payroll, Inventory and Job Costing ledgers, and print month-end statements using a computerized accounting program. Learners use different software in OADM 152 and OADM 155.

Prerequisites:
• OADM 143

Also offered by Distance Education

OADM 155-60 hours
Accounting Software II
Learners create company files, record transactions in the General, Receivable, Payroll, Inventory and Job Costing ledgers, and print month-end statements using a computerized accounting program. Learners use different software in OADM 152 and OADM 155.

Prerequisites:
• OADM 143

Also offered by Distance Education

OADM 156-30 hours
Accounting/Bookkeeping Simulation
In this capstone course learners extend and apply spreadsheet, manual and computerized accounting knowledge by completing a variety of practical, integrated projects.

Prerequisites:
• OADM 142
• OADM 144
• OADM 152
• OADM 155
• OADM 169 or OADM 169A
• OADM 169B
• OADM 181

Also offered by Distance Education

OADM 160-30 hours
Computer Essentials

OADM 161-30 hours
Database 1

Also offered by Distance Education

OADM 162-30 hours
Database 2

Also offered by Distance Education

OADM 163-30 hours
Introductory Spreadsheets

OADM 164-30 hours
Advanced Spreadsheets

OADM 165-30 hours
Presentation Graphics
Upon successful completion of this course, the student will understand how to create a slide presentation and enhance it with graphs, tables, embedded visuals, builds, and transitions. Students will also learn how to plan and organize presentation content, evaluate the content, and to design an effective slide show. Students with credit for ABT 165 cannot take this course for further credit.

Prerequisites:
• OADM 167
Also offered by Distance Education

OADM 166-30 hours
Internet

Also offered by Distance Education

OADM 167-30 hours
Computer Essentials and the Internet
Learners study correct computer terminology and ethical business uses of current social media. Learners manage electronic files in a networked or cloud environment, navigate the Internet, conduct basic research necessary in a business office, communicate with others using online tools, and become familiar with an online learning management system.

Also offered by Distance Education

OADM 168-45 hours
Database
Learners study basic and advanced database functions using Microsoft Access. Learners demonstrate the ability to create and modify a database; sort, index and query a database; to use a database to print labels and simple reports and to create complex queries and reports.

Prerequisites:
• OADM 167

Also offered by Distance Education

OADM 169-60 hours
Spreadsheets
This course includes spreadsheet terminology, concepts, commands, functions and capabilities of Microsoft Excel. Learners create professional, attractive, multi-tabbed workbooks that include formulas, charts, graphics, maps, and macros. Learners manage spreadsheet templates, combine multiple worksheets and workbooks, and work with data lists and queries.

Prerequisites:
• OADM 167
• OADM 130

Also offered by Distance Education

OADM 169A-30 hours
Spreadsheet I
This course includes spreadsheet terminology, concepts, commands, functions and capabilities of Microsoft Excel. The student will be able to create professional, attractive, multi-tabbed workbooks that include formulas and graphics. Students with credit for OADM 169 cannot take OADM 169A for additional credit.

Prerequisites:
• OADM 130
• OADM 167 or OADM 145

Also offered by Distance Education

OADM 169B-30 hours
Spreadsheets II
This course is a continuation of OADM 169A Spreadsheets I that includes spreadsheet advanced functions and capabilities of Microsoft Excel. The student will be able to create professional, attractive, multi-tabbed workbooks that include formulas, charts, graphics, maps, and macros. They will also be able to manage spreadsheet templates, combine multiple worksheets and workbooks, and work with data tables, queries, and pivot tables. Students with credit for OADM 169 cannot take OADM 169B for additional credit.

Prerequisites:
• OADM 169A

Also offered by Distance Education

OADM 171-45 hours
Desktop Publishing
This course introduces desktop publishing software. Students will plan, design, and produce business-quality publications such as web pages, letterhead, flyers, brochures, forms, and newsletters.

Prerequisites:
• OADM 128

Also offered by Distance Education

OADM 174-30 hours
Keyboarding
This course focuses on keyboarding technique, accuracy, and speed. Students will learn to touch type accurately to a minimum of 40 net words per minute.

Also offered by Distance Education

OADM 180-30 hours
Self-Management Skills
This 30-hour course will help the student discover strategies for personal, educational and professional success. This course will identify critical academic, personal management and teamwork skills required by the Canadian workforce. Topics include stress management, interpersonal relationships, leadership
skills, problem solving, conflict resolution and working effectively as a member of a group. Students with credit for ABT 180 cannot take this course for further credit.

Also offered by Distance Education

OADM 181-30 hours
Job Search Techniques
This course provides learners with skills to identify attitudes and behaviours that will lead to career success. Students will master effective job search techniques and understand the importance of matching skills and abilities with employer’s needs. Students will complete pre-employment skills inventories, assess and access job markets, prepare a professional resume, write employment correspondence, and practice employment interview techniques. Prior Learning Assessment: Students interested in receiving PLA for this course should contact the department chair for more information. Students with credit for ABT 181 cannot take this course for further credit.

Prerequisites:
• OADM 128 or OADM 145

Online Office Administration

OADO 099-15 hours
Online Learner Success
Online Learner Success (OLS) is designed to provide the online learner with a working knowledge of the program call Desire 2 Learn (D2L). Assignments or activities in the course have been designed to demonstrate the use of various tools in the D2L program.

Only offered by Distance Education

OADO 110-90 hours
Business English
Business English focuses on correct English usage in a business environment and provides a comprehensive review of grammar, punctuation, and style, as well as business spelling and vocabulary development.

Prerequisites:
• OADO 099

OADO 111-60 hours
Business Communications
Business Communications teaches you how to plan, organize, and write correct and effective “reader-friendly” business documents appropriate for use in today’s global business environment. The student will learn how to write business letters, memo, reports, and electronic messages.

Prerequisites:
• OADO 176 or OADO 110

OADO 127-40 hours
Integrated Projects - Administrative
This capstone course helps the student extend word processing, spreadsheet, database, desktop publishing, and presentation software knowledge by completing a variety of practical, integrated projects. The student will also develop decision-making, prioritizing, and other administrative skills.
Prerequisites:
- OADO 136
- OADO 165
- OADO 168
- OADO 169
- OADO 171

Only offered by Distance Education

OADO 130-45 hours
Business Math and Calculators
Business Math and Calculators follows current trends in office technology, teaches the touch method of calculator use, explains common calculator features, and emphasizes business problem solving.

Prerequisites:
- OADO 099

Only offered by Distance Education

OADO 135-35 hours
Records Management
This course will provide the student with the knowledge, skills, and abilities to create, store, use, retrieve, protect, control, archive, and dispose of paper-based and electronic files.

Prerequisites:
- OADM 099

Only offered by Distance Education

OADO 136-40 hours
Administrative Procedures
In this course, the student will master essential organizational skills and develop efficient office practices in preparation for entry into the contemporary office.

Prerequisites:
- OADO 110
- OADO 176
- OADO 130 is recommended

Only offered by Distance Education

OADO 140-60 hours
Accounting I
This course provides the student with an introduction to manual accounting. Accounting I covers basic bookkeeping and accounting skills including double-entry general journal entries, posting to the general ledger, preparing a trial balance, recording adjustments in a ten-column worksheet, producing period-end financial statements, closing the temporary accounts, maintaining petty cash, and preparing bank reconciliations.

Prerequisites:
- OADO 099
- OADO 130 is highly recommended

Only offered by Distance Education

OADO 141-90 hours
Accounting II
This course is designed to provide students with knowledge of intermediate manual accounting processing including sales, purchases, taxes, inventory, and payroll. The student will also be introduced to specialized journals, combined journals, year-end procedures and worksheets, HST/GST/PST, bad debts, and inventory. Students will prepare detailed financial statements including classified balance sheets and income statements including cost of goods sold.

Prerequisites:
- OADO 140
- OADO 130 is highly recommended

Only offered by Distance Education

OADO 152-75 hours
Computerized Accounting
This course introduces the student to an integrated computerized accounting system. Upon completion, the student will be able to establish company records; maintain daily transactions using the general ledger, accounts payable, accounts receivable, inventory, and payroll features; and create financial statements.

Prerequisites:
- OADO 141

Only offered by Distance Education

OADO 156-40 hours
Integrated Project - Accounting
This course is a capstone course that helps accounting assistant students extend and apply their spreadsheet, database, manual and computerized accounting knowledge by completing a variety of practical, integrated projects. Learners will also develop decision-making, prioritizing, and other administrative skills.

Prerequisites:
- OADO 141
- OADO 152
- OADO 168
OADO 169
Only offered by Distance Education

OADO 165-30 hours
Presentation Software
The course provides the student with the opportunity to apply appropriate design concepts to present data and information in a colourful and well-organized format. Students will learn how to use design templates, apply various attributes, and include a variety of objects to create, modify, save, and deliver presentations.

Prerequisites:
• OADO 167

Only offered by Distance Education

OADO 167-50 hours
Introduction to Computers and the Internet
This course will introduce the student to a Windows computer operating system and electronic file management. The student will also be introduced to the Internet, including email basics and advanced features, web browser basics, web navigation, and web research.

Prerequisites:
• OADO 099

Only offered by Distance Education

OADO 168-50 hours
Database
This course focuses on planning, designing, and creating a database to meet the information management needs of today's workplace. The student will learn terminology, database concepts, and features of relational databases. The student will use various commands and features to create tables, queries, forms, and reports; and will enter data, work with calculations, extract information; and generate and print reports.

Prerequisites:
• OADO 167

Only offered by Distance Education

OADO 169-50 hours
Spreadsheets I
This course provides the student with a working knowledge of electronic spreadsheets. The student will learn how to design, create, modify, and present professional-looking spreadsheets for use in today's workplace. Exercises include using formulas and built-in functions to solve mathematical problems. The student will also learn how to illustrate and present spreadsheet data in graphic form.

Prerequisites:
• OADO 167

Only offered by Distance Education

OADO 170-45 hours
Website Design and Maintenance
This course will provide the student with the skills required to complete routine website maintenance and updates. Using a hands-on, practical approach, the student will learn how to manipulate hypertext markup language (HTML), tags, tables, images, graphics, hyperlinks, special formatting, and forms using text and web authoring programs.

Prerequisites:
• OADO 167
• OADO 175

Only offered by Distance Education

OADO 171-45 hours
Desktop Publishing
This course will introduce elements of page design and organizational tools, and the planning, design, and production process. Students will apply word processing and desktop publishing software, as well as integration elements, to produce publications such as letterheads, flyers, brochures, business forms, web pages, and newsletters.

Prerequisites:
• OADO 176

Only offered by Distance Education

OADO 173-45 hours
Keyboarding I
The course provides the learner with the necessary techniques to keyboard accurately at a minimum of 25 net words per minute (nwpm) using the alpha and numeric keyboard.

Prerequisites:
• OADO 099

Only offered by Distance Education

OADO 174-35 hours
Keyboarding II
The course provides the learner with the necessary techniques to keyboard accurately at a minimum of 45
net words per minute (nwpm) using the alpha and numeric keyboard.

Prerequisites:
- OADO 099
- OADO 173 or proof of minimum 25 net wpm on a 3-minute keyboarding assessment

Only offered by Distance Education

**OAD 175-50 hours**

**Word Processing I**

Work Processing I is designed to teach the student the basic functions of a word processing program as how to properly format documents such as letters and memorandums.

Prerequisites:
- OADO 099
- OADO 167
- OADO 173 or proof of minimum 25 net wpm on a 3-minute keyboarding assessment

Only offered by Distance Education

**OAD 176-50 hours**

**Word Processing II**

Word Processing II will cover additional instruction and practice with letter styles, tables, and charts and reports plus many advanced features of word processing software such as merge, macros, outlines, graphics, and stiles.

Prerequisites:
- OADO 175

Only offered by Distance Education

**OAD 180-30 hours**

**Human Relations**

Human Relations concentrates on personal and professional development skills needed by workers in today’s workplace. These skills include self-examination and assessment, development of effective communication skills, interpersonal skills, client relations, teamwork, problem solving, and an understanding of business ethics.

Prerequisites:
- OADO 175

Only offered by Distance Education

**OAD 181-30 hours**

**Job Search**

Job Search techniques will help the student develop successful job search strategies, for today’s competitive and changing job market. Topics include self-assessment, employability skill testing, job search strategies and research, using the Internet for job search and career planning, networking, resumes, employment-related communications, application forms, portfolios, and interviews.

Prerequisites:
- OADO 110
- OADO 175

Only offered by Distance Education

**LPN Orthopaedic Certificate**

**ORTH 110-80 hours**

**Orthopaedic Anatomy and Physiology**

This course is designed to provide anatomy and physiology knowledge specific to orthopaedic nursing. Topics include medical terminology and abbreviations, anatomical terms and directions, detailed skeletal anatomy, appendicular and axial skeleton, bony landmarks, origins and insertions, bone physiology including ossification, growth, healing, neurovascular considerations, and special considerations for pediatric, adult and geriatric patients.

Prerequisites:
- ORTH 110
- ORTH 111

**ORTH 111-195 hours**

**Orthopaedic Pathophysiology and Nursing Interventions**

This course builds on orthopaedic anatomy and physiology to provide the pathophysiology knowledge and skills required to provide safe care to patients requiring orthopaedic interventions and nursing care.

Prerequisites:
- ORTH 110

1 minimum grade of 70 required

**ORTH 112-60 hours**

**Orthopaedic Specialty Skills**

This course focuses on the scope of practice of LPN orthopaedics while building knowledge and rationale pertaining to the application and management of splints, casts, traction, and wound care related to orthopaedic pre- and post-surgical complications and outcomes.

Prerequisites:
- ORTH 110
- ORTH 111

1 minimum grade of 70 required
ORTH 113-40 hours
Orthopaedic Practicum Preparation
This course engages students in a focused preparation for their practicum. Clinical simulations utilizing videos will enhance the student’s learning experience. Various orthopaedic settings are explored and students will review the practicum teams’ roles and responsibilities (student, faculty, placement agency) with an orientation of the practicum guidelines.

Prerequisites:
• ORTH 110\textsuperscript{1}
• ORTH 111\textsuperscript{1}
• ORTH 112\textsuperscript{1}

\textsuperscript{1} minimum grade of 70 required

ORTH 114-260 hours
Orthopaedic Practicum
This supervised experience provides an opportunity for the student to demonstrate integration and consolidation of knowledge, skills and abilities within the realities of the workplace.

Prerequisites:
• ORTH 110\textsuperscript{1}
• ORTH 111\textsuperscript{1}
• ORTH 112\textsuperscript{1}
• ORTH 113\textsuperscript{1}

\textsuperscript{1} minimum grade of 70 required

Palliative Care
Pharmacy Technician

Philosophy

Prerequisites may be waived by the Philosophy department. See prerequisite waiver.

PHIL 111-3-3
Introduction to Philosophy I
This course introduces students to outstanding philosophers and their systems by examining the following topics: ethics, political philosophy, metaphysics and philosophy of religion. (3,0,0)

PHIL 114-3-3
Introduction to Logic and Critical Thinking I
This course is intended to develop critical thinking and reasoning skills. Topics include the diverse functions of language, analysis and resolution of confusion, ambiguities, fallacies, techniques of persuasion, and the place of reasoning in human knowledge. (3,0,0)

PHIL 121-3-3
Introduction to Philosophy II
This course introduces students to outstanding philosophers and their systems by examining the following topics: theory of knowledge, logic, and contemporary philosophy. (3,0,0)

PHIL 124-3-3
Introduction to Logic and Critical Thinking II
This course provides practice in evaluating arguments by examining foundations of scientific reasoning, decision making techniques and problem solving methods. (3,0,0)

PHIL 211-3-3
Ethics
This course is designed to familiarize the student with some of the major traditional theories of moral value and key issues in moral thought, such as absolutism, relativism and various criteria for evaluating both moral reasoning and ethical theories. (3,0,0)

PHIL 222-3-3
Knowledge and Reality
This course is intended to familiarize students with fundamental issues about the nature of and our knowledge of reality. Topics may include time, causality, personal identity, and the mind-body problem. (3,0,0)

PHIL 231-3-3
Symbolic Logic
This course is an introduction to symbolic or formal logic. Topics include: sentential and predicate logic, the development of a system of natural deduction, and the translation of natural language into formal language. (3,0,0)
nation-state understood? Why might they be valuable? Lectures will also address philosophic questions concerning legal reasoning. The approach will be mainly systematic, although some reference to the history of certain philosophical views may be included. (3,0,0)

Prerequisites:
• second-year standing

PHIL 241-3-3
Contemporary Moral Issues
This course is an introduction to moral philosophy through selected contemporary issues such as abortion, euthanasia, pornography, Aboriginal rights, poverty, war and terrorism and other current moral issues. Students will learn basic moral theory and moral reasoning using real world personal and social ethical issues. (3,0,0)

Prerequisites:
• second-year standing

PHIL 250-3-3
Applied Ethics for Criminal and Social Justice Professions
The course will create an understanding of the nature of ethical conflict, reasoning and decision-making in the context of society's practices of criminalization. The focus will be on ethical dilemmas that will confront criminal justice professionals, and on the ethical principles that apply in such situations. Students with credit for CRIM 240 may not take PHIL 250 for additional credit. (3,0,0)

Prerequisites:
• CRIM 111 and CRIM 121

PHIL 251-3-3
Environmental Ethics
This course is a study of moral problems arising in the context of human relations to nature and to non-human living things. Principal among these problems are animal rights, obligations to future generations, pollution, use of hazardous materials, depletion of natural resources, treatment of non-living things, poverty as an environmental problem, and ecology of property rights. (3,0,0)

Prerequisites:
• second-year standing

PHIL 260-3-3
Science and Pseudoscience
This course provides an introduction to the philosophy of science by investigating the difference between science and pseudoscience. By studying theories about science, students will learn why astronomy but not astrology is considered a science. Other examples include creationism, UFOs, psychics and the paranormal. Topics covered include religion versus science, scientific realism and anti-realism and the role of evidence in science. (3,0,0)

Prerequisites:
• second-year standing

PHIL 270-3-3
Feminist Philosophy
The purpose of this course is to familiarize students with the central questions of feminist philosophy: What is oppression, how do we know who is oppressed and what should we do about it? The course works through the development of feminist thought up to and including contemporary social justice issues. This course is also offered as GSWS 270. Students with credit for GSWS 270 cannot take PHIL 270 for further credit. (3,0,0)

Prerequisites:
• second-year standing

PHIL 331-3-3
Ethics of Computer Usage
This course examines ethical and professional issues facing those who work with computers. Issues include piracy, hacking, responsibility and liability for the use of software, cyberpornography and freedom of information, computerised invasion of privacy, computers in the workplace, the use of artificial intelligence and expert systems. (3,0,0)

Prerequisites:
• third-year standing in the Bachelor of Computer Information Systems program.

PHIL 350-3-3
Business Ethics
This course examines moral and ethical principles as they apply to business. The case method will be used extensively. This course is integrated with the other Business Capstone courses by a small-business-across-the-curriculum theme. (3,0,0)

Prerequisites:
• admission to the Business Administration Degree program

PHIL 361-3-3
Practical Ethics
This course will familiarize students with general theoretical approaches to questions of right and wrong, and the application of these approaches to both general ethical problems and ethical problems specific to the writing and publishing industry such as
intellectual property, civil disobedience, conflict of interest, and protection of sources. (3,0,0)

Prerequisites:
• third-year standing

PHIL 411-3-3
Professional Ethics
This course will provide a theory-based approach to ethical professionalism and a case-based method of dealing with ethical issues in the work place. The course will cover those values central to the moral life of any professional: integrity, respect for persons, justice, compassion, beneficence and non-maleficence, and responsibility. (3,0,0)

Prerequisites:
• third-year standing

Pharmacy Technician

PHRM 101-21 hours
Introduction to Pharmacy Practice
This course familiarizes the learner with the role of the pharmacy technician, pharmacist and pharmacy in the Health Care delivery system. The learner is introduced to common concepts, principles and procedures in pharmacy practice (fundamentals).

Prerequisites:
• Admission to Pharmacy Technician Program.

PHRM 102-63 hours
Medical Terminology
This course introduces learners to human anatomy, including the major body systems. Learners will study anatomical language, studying basic word structure, including prefixes, suffixes and terms pertaining to the body as a whole.

Prerequisites:
• Admission to Pharmacy Technician Program.

PHRM 103-42 hours
Pharmacy Law
In this course, learners will study the federal and provincial Acts, the records required for the acquisition and use of pharmaceuticals, and the types of contracts used for payment by third party agencies. The relationship and authority of each position is clearly delineated.

Prerequisites:
• Admission to Pharmacy Technician Program.

PHRM 104-47.5 hours
Pharmacy Computer Applications
This course provides and introduction to the use of computers in pharmacy using pharmacy software programs.

Corequisites:
• PHRM 101

PHRM 105-42 hours
Communications and Employment Preparation
This course focuses on the study and application of effective written and oral communication skills essential to the pharmacy technician. Topics include interpersonal, intercultural and intra-professional communication in the health care industry. Learners will have the opportunity to develop and use active listening and conflict management skills in a manner that encourages and emphasizes ethical communication, self-evaluation and critical thought.

Prerequisites:
• Admission into the Pharmacy Technician Program.

PHRM 106-91 hours
Pharmacology I
This course presents the major prescription drug classes used in health care. Learners will acquire knowledge in the technician’s role concerning medications used in pharmacy practice.

Corequisites:
• PHRM 101

PHRM 107-102.5 hours
Drug Distribution
This course introduces the learner to all aspects of dispensing including basic pharmaceutical calculations and how to interpret and fill prescriptions in a simulated practice setting. Learners apply information for the e-CPS and Low Cost Alternative program for applicable prescriptions.

Prerequisites:
• PHRM 104

PHRM 108-91 hours
Pharmacology II
This course deals primarily with the non-prescription (over-the-counter) medications available in Canada and their use, merchandising, and operation of community pharmacies.

Prerequisites:
• PHRM 101
PHRM 109-77 hours
Product Preparation I
This course is a continuation of all aspects of dispensing introduced in PHRM 107, and also focuses on the principles of compounding and the preparation of a variety of pharmaceuticals. Pharmacy compounding calculations are completed using the appropriate system of measurement.

Corequisites:
• PHRM 106 and PHRM 107

PHRM 110-110.5 hours
Product Preparation II
In this course, learners receive individual as well as group instruction in the preparation of sterile products under aseptic conditions. Special techniques involved in the preparation of anti-neoplastic drugs will also be presented and practiced.

Prerequisites:
• PHRM 101 and PHRM 104

Corequisites:
• PHRM 106 and PHRM 107 and PHRM 108

PHRM 111-180 hours
Hospital Practicum
The practicum provides the student with practical experience as a Pharmacy Technician in a hospital setting. Students will be placed in a hospital pharmacy. If PHRM 112 is the learner's second practicum, a Pass (P) grade in PHRM 111 is required.

Prerequisites:
• PHRM 102 and PHRM 103 and PHRM 105 and PHRM 107 and PHRM 108 and PHRM 109 and PHRM 110

PHRM 112-180 hours
Community Practicum
The practicum provides the student with practical experience as a Pharmacy Technician in a community setting. Students will be placed in a community pharmacy. If PHRM 111 is the learner's second practicum, a pass (P) grade in PHRM 112 is required.

Prerequisites:
• PHRM 102 and PHRM 103 and PHRM 105 and PHRM 107 and PHRM 108 and PHRM 109 and PHRM 110

Physics

For courses numbered less than 100, the prerequisite(s) may be waived by the Physics and Astronomy department. See prerequisite waiver.

PHYS 075-40 hours
Topics in Physics
Topics in Physics may include, but are not limited to, the scientific method, scientific knowledge and social issues, vectors, mechanics, kinematics, dynamics, statics, energy, work, power, electricity, waves, and electromagnetism.

Prerequisites:
• ABE MATH 085\(^1\) or MATH 010\(^1\) or ABE IALG 011\(^1\) or Principles of Mathematics 10\(^2\) or Introductory Algebra 11\(^2\)
  or the corequisite of ABE ENGL 011 or the corequisite of ABE COMP 011 or English 11 or Composition 11 or Creative Writing 11 or Literary Studies 11 or New Media 11 or American Sign Language 11

Corequisites:
• ABE ENGL 080

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required

PHYS 085-40 hours
Topics in Physics
Topics in Physics may include, but are not limited to, the scientific method, scientific knowledge and social issues, vectors, mechanics, kinematics, dynamics, statics, energy, work, power, electricity, waves, and electromagnetism.

Prerequisites:
• ABE MATH 085\(^1\) or MATH 010\(^1\) or ABE IALG 011\(^1\) or Principles of Mathematics 10\(^2\) or Introductory Algebra 11\(^2\)
  or the corequisite of ABE ENGL 011 or the corequisite of ABE COMP 011 or English 11 or Composition 11 or Creative Writing 11 or Literary Studies 11 or New Media 11 or American Sign Language 11

Corequisites:
• ABE ENGL 080

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required

PHYS 095-40 hours
Topics in Physics
Topics in Physics may include, but are not limited to, the scientific method, scientific knowledge and social issues, vectors, mechanics, kinematics, dynamics, statics, energy, work, power, electricity, waves, and electromagnetism.

Prerequisites:
• ABE MATH 085\(^1\) or MATH 010\(^1\) or ABE IALG 011\(^1\) or Principles of Mathematics 10\(^2\) or Introductory Algebra 11\(^2\)
  or the corequisite of ABE ENGL 011 or the corequisite of ABE COMP 011 or English 11 or Composition 11 or Creative Writing 11 or Literary Studies 11 or New Media 11 or American Sign Language 11

Corequisites:
• ABE ENGL 080

\(^1\) minimum grade of 60 required
\(^2\) minimum score of 60 required

PHYS 011-112 hours
Physics 011
The Physics 011 course is intended to provide insight into the scope, nature, relevance, and limitations of
physics. Topics covered include kinematics; dynamics; mechanical energy, waves and optics, heat, electrostatics and electricity. This course includes a minimum of seven laboratories, with at least one laboratory from each topic.

Prerequisites:
- ABE MATH 085\(^1\) or ABE IALG 011\(^1\) or Principles of Mathematics 10\(^2\) or Introductory Algebra 11\(^2\) or Pre-Calculus 10\(^2\)
- ABE ENGL 070\(^1\) or ABE ENGL 071\(^1\) or ABE ENGL 072\(^1\) or a minimum ABLE test score of 68/80 and an Advanced Level writing sample

PHYS 012-96 hours
Physics 012
This course is a study of basic kinematics and dynamics, statics, equilibrium conditions, electrostatics, electricity and magnetism, momentum and collisions, work, energy and power. SI units and vector analysis are used throughout. A laboratory component is included.

Prerequisites:
- ABE PHYS 011\(^1\) or Physics 11\(^2\)

Corequisites:
- ABE MATH 011

PHYS 111-3-7
Calculus-Based Physics I
A calculus-based introduction to Physics for students who intend to pursue careers in the physical sciences (e.g. physics, chemistry, astronomy, mathematics) or engineering. Topics covered include: Newtonian mechanics; translational and rotational kinematics and dynamics; momentum and energy conservation; gravitation; simple harmonic motion; and thermodynamics. Experimental laboratory investigations, with emphasis on data collection, analysis and experimental techniques, reinforce the concepts covered in the lecture part of the course. (4,3,0)

Prerequisites:
- MATH 120 or ABE MATH 012\(^1\) or Principles of Math 12\(^2\)
- Physics 11 or ABE PHYS 11 strongly recommended

PHYS 117-3-5.5
Physics for Analytical Chemistry Technology
This course introduces Newtonian mechanics including both kinematics and dynamics, heat, waves, optics, basic electricity, and fluids. Topics will be discussed with special reference to application in the field of instrumentation and electronics for the Analytical Chemistry Technology program. Laboratory experiments (three hours every second week) will be completed to expand on the topics covered in the lectures and will emphasize data acquisition and analysis using computers. (4,1.5,0)

Prerequisites:
- admission to the Analytical Chemistry Technology diploma program

PHYS 121-3-7
Calculus-Based Physics II
A calculus-based introduction to Physics for students who intend to pursue careers in the physical sciences or engineering. Topics covered include: electrostatics; DC and AC circuits, magnetic forces and fields; electromagnetic induction; waves and sound; wave and geometric optics; and modern physics. Experimental laboratory investigations, with emphasis on data collection, analysis and experimental techniques, reinforce the concepts covered in the lecture part of the course. (4,3,0)
Prerequisites:
- PHYS 111 or PHYS 112 with permission of the department

Corequisites:
- MATH 122

**PHYS 122-3-7**
**Introductory Physics II**
An algebra-based introduction to physics. This course is generally for students of the life sciences or others who do not intend to pursue careers in the physical sciences or engineering. This course is a study of the basic concepts of physics in the areas of electricity, magnetism, physical optics and special relativity. Topics include electrostatics, electric currents, resistance, DC circuits, magnetic forces and fields, electromagnetic induction, alternating current, waves and light, interference, diffraction and special relativity. Experimental laboratory investigations in electricity, magnetism and light and consideration of numerical problems and special topics are included. (4,3,0)

Prerequisites:
- PHYS 112 or PHYS 111

**PHYS 125-3-5.5**
**Physics for Electronic Engineering Technology**
An introduction to Newtonian mechanics, fluid dynamics, heat, waves, optics, acoustics and electromagnetic radiation. Topics will be discussed with special reference to application in the field of electronics. Laboratory experiments (three hours every second week) will be completed to expand on the topics covered in the course work. (4,1.5,0)

Prerequisites:
- ABE PHYS 011 or Physics 11
- MATH 147

**PHYS 126-3-6**
**Physics for Electronic Engineering Technology**
This course is an introduction to Newtonian mechanics, kinematics, conservation of energy, simple harmonic motion, electrostatics, magnetism, and electromagnetic radiation. Topics will be discussed with special reference to applications in the field of electronics. Laboratory experiments will be completed to expand on the topics covered in the course work. (3,3,0)

Prerequisites:
- Acceptance to Electronic Engineering Program(ELEN)

**PHYS 200-3-4**
**Relativity and Modern Physics**
This course covers special and general relativity, quantum mechanics, and their applications to various fields. (3,0,0)

Prerequisites:
- PHYS 122 or PHYS 121
- MATH 122

**PHYS 202-3-4**
**Engineering Mechanics I**
This course begins with a review of vector algebra and continues with forces, moments, conditions of equilibrium and application to particles and rigid bodies. Analysis of statically determinate structures including beams, trusses and arches using free body diagrams (FBD) will be covered. The kinematics component will include rectilinear and curvilinear motion, and the dynamics component will include Newton's second law, dry friction, impulse, momentum, work and energy. Although exceptional students may do the course in their first year, it is strongly recommended that they wait until second year after PHYS 111 and MATH 112 and 122 are complete before attempting this course. (3,0,1)

Prerequisites:
- ABE PHYS 012 or Physics 12

Corequisites:
- PHYS 111 and MATH 112

**PHYS 215-3-3**
**Thermodynamics**
Thermodynamics at an intermediate level. Topics include temperature, heat and work, the First Law,
heat transfer, heat engines, entropy and the Second Law. (3,0,0)

Prerequisites:
• PHYS 121 or PHYS 112¹ and PHYS 122¹ or admission to an OC Engineering Technology Bridge to UBC Okanagan.

¹ minimum grade of 68 required

PHYS 219-3-4
Methods of Measurement I
This course covers basic laboratory techniques with emphasis on the use of computers in the collection and analysis of data. The student will be expected to write basic computer programs to allow interface boards to collect data. The course will use various transducers to measure physical quantities such as temperature, sound, velocity and acceleration, pressure and magnetic field. Spread sheets for the analysis of data and word processors for the preparation of formal reports are used. The construction of basic equipment will be encouraged. Technical writing of reports is emphasized. (0,3,1)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 122

PHYS 220-3-3
Environmental Physics
This course examines contemporary environmental issues, focussing on the Physics of climate modification, ozone depletion, energy sources for electrical generation, energy storage, energy conservation strategies, transportation, pollutant transport, non-ionizing radiation, risk analysis, and other current topics of interest. This course is also offered as EESC 220. Students with credit for BIOL 290 or EESC 220 cannot take PHYS 220 for further credit. (3,0,0)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 122¹
• second-year standing
• a first-year course(s) in BIOL, CHEM, EESC, and/or GEOG would be useful but is (are) not required.

¹ minimum grade of 60 required

PHYS 225-3-3
Intermediate Electricity and Magnetism
Electrostatics, Gauss’ law, electric potential, DC circuits, conduction models, strain gauges, RTD, circuit analysis theorems, magnetic fields, Hall effect, Ampere's law, Faraday's law, inductance, and semiconductors with basic applications. (3,0,0)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 112¹ and PHYS 122¹

¹ minimum grade of 68 required

PHYS 227-3-4
Instrumentation Physics for Analytical Chemistry Technology(ACT)
This course covers basic laboratory techniques with emphasis on process control instrumentation and the use of computers in the collection and analysis of data. This course will provide an introduction to analogue and digital signals, data acquisition, signal conditioning, measurement theory, instrument calibration and process control loops. Students will be expected to use spreadsheets for the analysis of data and word processors for the preparation of formal reports. Technical writing of reports will be emphasized. (2,2,0)

Prerequisites:
• COSC 171
• MATH 136
• PHYS 117

PHYS 228-3-4
Classical Mechanics
Classical mechanics at an intermediate level in inertial and non-inertial reference frames. (3,0,1)

Prerequisites:
• MATH 122
• PHYS 121 or PHYS 112¹ and PHYS 122¹

Corequisites:
• MATH 225

¹ minimum grade of 68 required

PHYS 229-3-4
Methods of Measurement II
A continuation of the PHYS 219 laboratory course. Experiments will be selected from appropriate areas of physics to complement the other physics courses currently taken by the students enrolled. Experiments from other scientific disciplines may be included if enrollment warrants. Emphasis will be on the use of computers as a tool in collecting, analyzing and reporting data. Topics include transducers, interfacing, statistical data analysis, curve fitting and report writing. Programming related to the collection of data is included. Software packages related to the above topics are used. (0,3,1)
Prerequisites:
- PHYS 219

**PHYS 240-3-3**
**Introduction to Biophysics**
This course presents an analysis of biological systems from a physicist's perspective and provides science students with some understanding of the physics underlying biological phenomena, and a deeper appreciation of the range of application of simple physical principles. Topics include form and size in plants and animals, strength and energy storage in structural elements, thermal regulation, fluid motion within organisms, life in fluids, and topics in molecular physics. This course is also offered as BIOL 240. Students with credit for BIOL 240 cannot take PHYS 240 for further credit. (3,0,0)

Prerequisites:
- MATH 122
- PHYS 121 or PHYS 122<sup>1</sup>
- second-year standing
- BIOL 121, or both BIOL 112 and BIOL 122, would be useful but is not required

<sup>1</sup> minimum grade of 60 required

**PHYS 290-3**
**Directed Studies in Physics & Astronomy**
This course involves undertaking a supervised investigation or directed readings in Physics or Astronomy. The topic will be agreed upon by the students and the supervising faculty member. Evaluation methods may include, but are not limited to, a project proposal, regular progress reports, regular assignments, a final written report, a final oral presentation, tests, or a final.

Prerequisites:
- Permission of the Instructor, and 6 credits of 100-level or 200-level PHYS or ASTR.

**Production & Inventory Management**

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<tr>
<th>Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PIM 01</td>
<td>Inventory Management</td>
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<td>PIM 02</td>
<td>Just-In-Time</td>
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<td>PIM 03</td>
<td>Master Planning</td>
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<td>PIM 04</td>
<td>Material/Capacity Reqs Plan</td>
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<th>Code</th>
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<tr>
<td>PIM 05</td>
<td>Production &amp; Activity Control</td>
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<td>PIM 06</td>
<td>Systems &amp; Technology</td>
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<td>PIM 21</td>
<td>Inventory Management</td>
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<td>PIM 22</td>
<td>Manufacturing Excellence</td>
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<td>PIM 23</td>
<td>Master Planning</td>
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<td>PIM 24</td>
<td>Mat &amp; Cap Requirements</td>
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<td>PIM 25</td>
<td>Production Activity Control</td>
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<td>PIM 26</td>
<td>Systems and Technologies</td>
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**Programmable Logic Controls**

**Plumber**

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<tr>
<th>Code</th>
<th>Course Title</th>
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<tr>
<td>PLMB 101</td>
<td>60 hours Trades Mathematics</td>
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<tr>
<td>PLMB 102</td>
<td>90 hours Plumbing Science</td>
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<tr>
<td>PLMB 103</td>
<td>30 hours Safety</td>
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<tr>
<td>PLMB 104</td>
<td>60 hours Hand Tools and Power Equipment</td>
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<tr>
<td>PLMB 105</td>
<td>180 hours Pipes, Valves, &amp; Fitting</td>
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<td>PLMB 106</td>
<td>30 hours Rigging</td>
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<tr>
<td>PLMB 107</td>
<td>60 hours Soldering and Brazing</td>
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<tr>
<td>PLMB 108</td>
<td>30 hours Drafting and Blueprint Reading</td>
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<tr>
<td>PLMB 109</td>
<td>60 hours Electricity</td>
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</table>
PLMB 110-30 hours  
Level One Technical Exam

Practical Nursing Access - HSRCA

Practical Nursing

PNSG 111-30 hours  
Health Promotion I
Health promotion by definition includes: health enhancement, health protection, disease prevention, health restoration/recovery, care, and support. Health promotion is the process of enabling people to increase control over, and to improve, their health. It moves beyond a focus on individual behaviour towards a wide range of social and environmental interventions. (WHO, 2010). This course introduces the learner to the concepts of health promotion, determinants of health and health inequities. Students will also gain a beginning knowledge of normal growth and development.

Prerequisites:
• Admission to the Practical Nursing program

Concurrent Registration: PNSG 112, PNSG 113, PNSG 114, PNSG 115, PNSG 116, PNSG 117

PNSG 112-25 hours  
Professional Practice I
This theory course provides the learner with an introduction to the profession of practical nursing. Legislation that informs practical nursing practice within British Columbia will be introduced. The history of nursing and specifically, the evolution of practical nursing within the Canadian health care system will be discussed. The philosophy and the foundational concepts of the Provincial Practical Nursing Program are explore.

Prerequisites:
• admission to the Practical Nursing program

Concurrent Registration: PNSG 111, PNSG 112, PNSG 113, PNSG 114, PNSG 115, PNSG 116, PNSG 117

PNSG 113-40 hours  
Variations in Health I
This introductory course provides the learner with the foundational knowledge of disease and illness across the lifespan. Learners gain an understanding of pathophysiological alterations of body systems. Nursing management of disease and illness across the lifespan with an emphasis on interventions and treatment is also discussed. Cultural diversity in healing practices is explored as well as the incorporation of evidence informed practice.

Prerequisites:
• admission to the Practical Nursing program

Concurrent Registration: PNSG 111, PNSG 112, PNSG 114, PNSG 115, PNSG 116, PNSG 117

PNSG 114-30 hours  
Pharmacology I
This introductory course examines the principles of pharmacology required to administer medications in a safe and professional manner. Medication administration requires the application of the nursing process for clinical decision-making. Various routes of medication administration are introduced and complementary, Indigenous, alternative remedies, and polypharmacy across the lifespan are also explored.

Prerequisites:
• admission to the Practical Nursing program

Concurrent Registration: PNSG 111, PNSG 112, PNSG 113, PNSG 115, PNSG 116, PNSG 117

PNSG 115-35 hours  
Professional Communication I
This course provides the learner with the foundational knowledge for caring and professional communication in nursing. It uses an experiential and self-reflective approach to develop self-awareness and interpersonal communication skills in the context of safe, competent, and collaborative nursing practice. Communication theory, the nurse-client relationship, therapeutic communication, cross-cultural communication, and effective teamwork are covered.

Prerequisites:
• admission to the Practical Nursing program

Concurrent Registration: PNSG 111, PNSG 112, PNSG 113, PNSG 114, PNSG 116, PNSG 117

PNSG 116-140 hours  
Integrated Nursing Practice I
This course emphasizes the art and science of nursing, focusing on the development of basic nursing care and assessment. The learner applies nursing knowledge through the practice of clinical decision making, nursing assessment skills, and nursing interventions aimed at the promotion of health, independence, and comfort. Classroom, laboratory, simulation, and other practice experiences will assist learners to integrate theory from other semester-one courses.

Prerequisites:
• admission to the Practice Nursing program
Concurrent Registration: PNSG 111, PNSG 112, PNSG 113, PNSG 114, PNSG 115, PNSG 117

PNSG 117-90 hours
Consolidated Practice Experience (CPE) I
This first clinical experience provides the learner with an opportunity to integrate theory from semester-one coursework into practice. The learner gains experience in various settings with a focus on the healthy client. Learning the role of the Practical Nurse, personal care skills, organization of care, focused assessment, beginning medication administration and professional communication are emphasized in this course. Continued enrolment in this course is contingent on successful completion of all other semester-one courses.

Prerequisites:
• admission to the Practical Nursing program

Concurrent Registration: PNSG 111, PNSG 112, PNSG 113, PNSG 114, PNSG 115, PNSG 116

PNSG 211-30 hours
Health Promotion II
This course focuses on health promotion as it relates to the aging process. Health promotion activities are aimed at supporting clients in maintaining their health. The concepts of health promotion, physical and mental wellness, normal aging changes and continued independence are examined.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 212, PNSG 213, PNSG 214, PNSG 215, PNSG 216, PNSG 217

PNSG 212-20 hours
Professional Practice II
This course examines the legislation influencing Practical Nursing (PN) practice with clients experiencing chronic illness and those in residential care settings. Specific professional issues such as responsibility, accountability, ethical practice, and leadership relevant to the PN role in the residential care are explored. Critical thinking and decision making specific to the care of the chronically ill and inter-professional practice are also addressed.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 211, PNSG 213, PNSG 214, PNSG 215, PNSG 216, PNSG 217

PNSG 213-45 hours
Variations in Health II
This course will increase the learners understanding of pathophysiology as it relates to the ageing process and selected chronic illness. The main focus of this course is the care of the older adult experiencing a health challenge. Cultural diversity in healing practices will be explored as well as evidence informed research and practice.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 211, PNSG 212, PNSG 214, PNSG 215, PNSG 216, PNSG 217

PNSG 214-30 hours
Pharmacology II
This course builds on Pharmacology I to increase the learners understanding of pharmacotherapeutics and prescribed for illnesses across the life span. Topics include drug classifications and links with common diseases/illnesses based on a body system approach and drug resistance.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 211, PNSG 212, PNSG 213, PNSG 215, PNSG 216, PNSG 217

PNSG 215-30 hours
Professional Communication II
This course provides the learner with an opportunity to develop professional communication skills with the older adult, and clients requiring end of life care. Interprofessional communication is further developed.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 211, PNSG 212, PNSG 213, PNSG 214, PNSG 216, PNSG 217

PNSG 216-175 hours
Integrated Nursing Practice II
This practical course builds on the foundation of semester-one and emphasizes the development of clinical decision making, nursing assessments, and interventions to promote the health of older adults. Classroom, laboratory, simulation, and other practice experiences will help learners to integrate theory from semester-one and semester-two courses to provide safe, competent, and ethical nursing care with older adults.

Prerequisites:
• PNSG 117

Concurrent Registration: PNSG 211, PNSG 212, PNSG 213, PNSG 214, PNSG 215, PNSG 217

PNSG 217-120 hours
Consolidated Practice Experience (CPE) II
This clinical experience provides learners with the opportunity to integrate theory from semester-one and semester-two courses into practice. Students will work with ageing clients and/or those with chronic illness in residential care settings. Medication administration, nursing care, organization, comprehensive health assessment, wound care and introduction to leadership are emphasized in this course. Continued enrolment in this course is contingent on successful completion of all other semester-two courses.

Prerequisites:
• completion of all semester-two courses

Concurrent Registration: PNSG 211, PNSG 212, PNSG 213, PNSG 214, PNSG 215, PNSG 216

PNSG 311-24 hours
Health Promotion III
This course focuses on health-promotion for the client experiencing an acute exacerbation of chronic illness or an acute episode of illness. Relevant health promoting strategies during hospitalization may improve or help maintain the client's health status after discharge. The learner focuses on preparing clients for discharge, through teaching and learning of health promoting strategies.

Prerequisites:
• PNSG 217

Concurrent Registration: PNSG 312, PNSG 313, PNSG 315, PNSG 316, PNSG 317

PNSG 312-20 hours
Professional Practice III
This course prepares the learner for the role of the practical nurse(PN) in managing clients with acute presentation of illness. Legislation influencing PN practice, specific professional practice issues and ethical practice pertinent to PN practice in acute care environments will be explored. Practice issues that occur across the lifespan will be considered. Collaborative practice with other health care team members and specifically the working partnership with registered nurses in the acute care setting are explored.

Prerequisites:
• PNSG 217

Concurrent Registration: PNSG 311, PNSG 313, PNSG 315, PNSG 316, PNSG 317

PNSG 313-50 hours
Variations in Health III
This course increases the learner's understanding of pathophysiology as it relates to acute disease and illness for clients across the lifespan. The focus is on the care of the client experiencing acute illness including, nursing interventions and treatment options. Acute disease and illness often occurs in individuals with existing chronic illnesses - the implications of these complexities are addressed. Cultural diversity in healing practices are explored as well as evidenced informed research and practice.

Prerequisites:
• PNSG 217

Concurrent Registration: PNSG 311, PNSG 312, PNSG 315, PNSG 316, PNSG 317

PNSG 315-20 hours
Professional Communication III
The focus of this course is on the advancement of professional communication within the acute care setting across the lifespan. The practice of collaboration with health care team members and clients will be further developed.

Prerequisites:
• PNSG 217

Concurrent Registration: PNSG 311, PNSG 312, PNSG 313, PNSG 316, PNSG 317

PNSG 316-186 hours
Integrated Nursing Practice III
This practical course emphasizes the development of nursing skills aimed at promoting health and healing with individuals experiencing acute health challenges across the lifespan. Classroom, laboratory, simulation, and integrated practice experiences help learners build on theory and practice from semester one, two and three to integrate new knowledge and skills relevant to the acute care setting.

Prerequisites:
• PNSG 217

Concurrent Registration: PNSG 311, PNSG 312, PNSG 313, PNSG 315, PNSG 317

PNSG 317-200 hours
Consolidated Practice Experience (CPE) III
This clinical experience provides the learner with the opportunity to integrate theory from all levels into the
role of the practical nurse in the acute care setting and other clinical areas as appropriate. Learners focus on clients with exacerbations of chronic illness and/or acute illness across the lifespan and will consolidate knowledge and skills such as: post operative care, surgical wound management, IV therapy, focused assessment, and clinical decision-making in acute care settings. Continued enrolment in this course is contingent on successful completion of all other semester three courses.

Concurrent Registration: PNSG 311, PNSG 312, PNSG 313, PNSG 315, PNSG 316

PNSG 411-36 hours
Health Promotion IV
This course is focused on health promotion as it relates to the continuum of care across the lifespan. Health promotion in the context of mental illness, physical and developmental disabilities and maternal child health is highlighted. Normal growth and development from conception to middle adulthood is addressed.

Prerequisites:
• PNSG 317

Concurrent Registration: PNSG 412, PNSG 413, PNSG 415, PNSG 416, PNSG 417

PNSG 412-20 hours
Professional Practice IV
This course integrates the concepts from previous professional practice courses and introduces the learner to practice in the community. The role of the practical nurse as leader is emphasized in interactions with clients, families and other health care providers.

Prerequisites:
• PNSG 317

Concurrent Registration: PNSG 411, PNSG 413, PNSG 415, PNSG 416, PNSG 417

PNSG 413-45 hours
Variations in Health IV
This course focuses on the continuum of care and the development of knowledge related to health challenges managed in the community setting. The learner explores athophysiology and nursing management of clients requiring home health care, rehabilitation, and supportive services such as community living and disabilities. Cultural diversity in healing approaches are explored as well as the incorporation of evidence informed research and practice.

Prerequisites:

PNSG 415-20 hours
Professional Communication IV
This course provides learners specific professional communication skills used with community care clients of all ages. Communication with members of the health care team is also covered.

Prerequisites:
• PNSG 317

Concurrent Registration: PNSG 411, PNSG 412, PNSG 413, PNSG 415, PNSG 416, PNSG 417

PNSG 416-119 hours
Integrated Nursing Practice IV
This course builds on the theory and practice from semesters 1, 2 and 3. Through a variety of approaches (e.g., simulation), learners will continue to develop knowledge and practice of comprehensive nursing assessment, planning for, and interventions with clients experiencing multiple health challenges in a variety of settings.

Prerequisites:
• PNSG 317

Concurrent Registration: PNSG 411, PNSG 412, PNSG 413, PNSG 415, PNSG 417

PNSG 417-60 hours
Consolidated Practice Experience (CPE) IV
This practice experience will introduce learners to community care settings and provide an opportunity to apply and adapt knowledge gained in semester one, two, three and four within a continuum of care for clients across the lifespan. Learners may gain experience through simulation and in a variety of settings with a focus on concepts outlined in PNSG 416.

Prerequisites:
• PNSG 317

Concurrent Registration: PNSG 411, PNSG 412, PNSG 413, PNSG 415, PNSG 417

PNSG 511-30 hours
Transition to Preceptorship
This course prepares the learner for the preceptorship. A combination of faculty-led simulation experiences and self-directed learning provides the
learner with increased competence and confidence in their final practice experience.

Prerequisites:
- PNSG 417¹

¹ minimum grade of P required

PNSG 512-180 hours
Preceptorship
This final practice experience provides an opportunity for the learner to demonstrate integration and consolidation of knowledge, skills and abilities within the realities of the workplace.

Prerequisites:
- PNSG 511

Practical Nursing

PNUR 113-52 hours
Human Anatomy and Physiology
This course is an overview of the structure and function of ten body systems. Various health promotion strategies that work toward optimal function of these systems are discussed.

Prerequisites:
- A minimum grade of 67% in a Grade 12 biology course which includes human anatomy and physiology or an equivalent Provincial Level Adult Basic Education Biology course. However, students with a minimum grade of 80% in Biology 11 or an equivalent Advanced Level Adult Basic Education Biology course may take Biology 12 as a corequisite.

Only offered by Distance Education

Political Science

Prerequisites may be waived by the Political Science department. See prerequisite waiver.

POLI 101-3-4
Introduction to Politics
As a comprehensive introduction, this course explores the major concepts, issues and institutions of the process of politics and various methodologies used in understanding the political world. Taking a comparative approach, this course studies the traditional components of politics as well as contemporary issues such as transitional politics, terror and politics, ethnic nationalism, and religion and politics. (4,0,0)

POLI 111-3-4
The Government of Canada
This course introduces students to the basic institutions and processes of government in Canada. It deals with the major challenges Canada faces in its political process. Specific emphasis is given to the origins, development and changing nature of Canadian political institutions. Constitutional, regional, gender and aboriginal issues, and the impact of economic and social cleavages on political behaviour are analyzed. (4,0,0)

POLI 112-3-3
Understanding International Development
In this introductory survey course, students will identify, analyse, and evaluate the key approaches, actors, institutions and issues in international development. Students will engage with global issues such as imperialism, poverty and exclusion, environmental degradation, gender discrimination, global health issues, corruption, and conflict. The course will explore concepts such as development, inequality, colonialism, neoliberalism, dependency, and gender. (3,0,0)

POLI 114-3-3
Engaging in International Development
This introductory course emphasizes the notion of doing development. Students will learn and apply the knowledge, skills and ethical values associated with real-world development practice and policy-making. The course explores the roles, complexities, opportunities and constraints confronted by various actors involved in development issues and answers questions such as: What does ethical development practice and policy look like? How do development actors influence justice? What makes a particular development project successful? (3,0,0)

POLI 202-3-3
Women and Politics
This course provides a critical examination of women as political actors in contemporary societies. Using gender as a unit of analysis, the course will study changing societal and political roles of women, traditional and non-traditional ways of participation of women in politics, and impact of women's movements in defining the political agenda from various theoretical perspectives. This course is also offered as GSWS 202. Students with credit for WMST 202 or GSWS 202 cannot take POLI 202 for further credit. (3,0,0)

Prerequisites:
- POLI 101 or WMST 100
  or GSWS 100
- three credits of POLI or three credits of GSWS or second year standing.
POLI 204-3-3  
**Canadian Environmental Policy**  
This course explores the process of environmental policymaking and the major factors that influence governments in developing and implementing environmental policy in Canada. After introducing the historical development and current issues of environmental policy in Canada, the course examines basic perspectives, processes and institutions and major developments in Canadian environmental policy and politics. The roles, interests and powers of main stakeholders in shaping environmental policies are also studied. (3,0,0)  

Prerequisites:  
- second-year standing  
- 3 credits of political science or second year standing.

POLI 206-3-3  
**Religion and Politics**  
This course explores the close interconnection between religion and politics in the contemporary world. In this course, students will comparatively analyse the bodies of theory in the political science and international relations literature around religion and politics. Students will evaluate the practical nature and role of specific governments in religious politics, with a focus on state religion policies. Students will engage with global issues including but not limited to: development, migration, conflict and violence, democracy, human rights, and foreign policies of states. (3,0,0)  

Prerequisites:  
- 3 credits of political science or second year standing.

POLI 210-3-3  
**Canada and the United States**  
This course fosters an understanding of the complex and multilayered relationship between Canada and the United States with particular emphasis upon the distinguishing features of Canadian and American social, economic, and political interests, and security related concerns (3,0,0)  

Prerequisites:  
- 3 credits of political science or second year standing.

POLI 211-3-3  
**Comparative Government**  
This course examines the function of different political systems. It introduces key concepts in comparative politics, surveying the historical trajectories of social and political institutions, political representation and participation. Further examination includes how elements of political culture and identity and interactions among policy actors and institutions shape public policies of developed and developing countries. (3,0,0)  

Prerequisites:  
- 3 credits of political science or second year standing.

POLI 213-3-3  
**Canada in International Development**  
This course studies Canada’s involvement in the evolution of international development policy and practice. The course establishes an overview of Canada’s engagement with developing countries in a historical perspective. With this context, the course explores the actors, content and processes involved in development Canada’s own international development policies, such as foreign aid, food aid, trade, security and peace, and sustainability. Specific policies and practices involving Canadian development actors are used to critically analyze international development policy issues. (3,0,0)  

Prerequisites:  
- 3 credits of political science or second year standing.

POLI 219-3-3  
**Canadian Public Administration**  
This course introduces students to the theory and practice of public administration and the machinery of government in Canada at federal, provincial, local and Indigenous levels of governance. Topics covered include the structures and processes of government bureaucracies, key components and concepts of modern public sector administration and the changing roles Canadian bureaucrats play in policy formulation and implementation processes at each level of government. (3,0,0)  

Prerequisites:  
- 3 credits of political science or second year standing.

POLI 220-3-3  
**The Politics of Human Rights**  
This course introduces students to the issues of human rights with respect to international, regional and national politics, and legal conventions. It will study the origins of the current human rights regime; the transformations and extensions of human rights into the second- and third-generation rights; the institutionalization of human rights in the global arena and the limitations of the international treaty system. The last section of the course examines several distinct human rights issues such as torture, genocide, humanitarian intervention, and punitive and restorative justice. This course is also offered as
CRIM 220. Students with credit for POLI 220 cannot take CRIM 220 for further credit. (3,0,0)

Prerequisites:
- POLI 101
- 3 credits of political science or second year standing.

POLI 221-3-3
Global Politics
This course explores developments in global politics and provides a context for better understanding the impact of global developments on individuals. Different theoretical perspectives are used to analyze the interplay of nation-states, multinational corporations, international organizations and non-governmental organizations in shaping current global issues including terrorism, poverty and global governance. (3,0,0)

Prerequisites:
- 3 credits of political science or second year standing.

POLI 223-3-3
Global Political Economy
This course develops an understanding of the interaction of economics and politics in shaping global relations. After studying the historical development of global economy from a political perspective, basic concepts and theoretical approaches of the field are explored. An interdisciplinary approach is employed to examine the trade, finance, security and knowledge structures in the current global political economy. (3,0,0)

Prerequisites:
- 3 credits of political science or second year standing.

POLI 240-3-3
Contemporary Political Ideologies
formerly POLI 121

This course reviews political phenomena through different lenses, by examining the major ideologies that have determined politics within the last two centuries. The ideologies examined include, but are not limited to, liberalism, conservatism, fascism, communism, feminism, environmentalism, and religious fundamentalism. Each ideology is studied with reference to its historical development, its major tenets, and its applications to the political arena. (3,0,0)

Prerequisites:
- 3 credits of political science or second year standing.

POLI 326-3-3
Politics of the Middle East
This course focuses on current issues in the Middle East and sheds light on the root causes of these issues. It provides a comprehensive analysis of historical, cultural, economic, sociological and political factors in a broader context and illustrates the interplay of different actors at different levels in shaping the politics in the region. (3,0,0)

Prerequisites:
- Six credits of political science or third-year standing. Of the six credits POLI required, three credits can be taken concurrently.

POLI 339-3-3
Sustainable Development
This course explores the major challenges that have to be confronted in achieving sustainable development, the existing national and international responses to these challenges, and the search for a better system of governance for sustainability. Following an exploration of theoretical approaches and practical applications of sustainability, the course studies the problems of sustainable development in contemporary societies and the social, cultural, economic and institutional aspects of sustainable development. (3,0,0)

Prerequisites:
- Six credits of political science or third-year standing. Of the six credits POLI required, three credits can be taken concurrently.

POLI 346-3-3
Institutions of Global Governance
This course assists students to develop an understanding of the concept of global governance, the evolution of global governance institutions and their roles in the contemporary world, as well as their failures and successes in responding to the challenges posed by global developments. It explores the structures, processes, and functions of global institutions, and the problems and prospects of cooperation at the global level. (3,0,0)

Prerequisites:
- Six credits of political science or third-year standing. Of the six credits POLI required, three credits can be taken concurrently.

Pre-LPN Biology

Plumbing and Pipefitting

PPTF 101-48 hours
Use Safe Work Practices
This course introduces specific occupational health and safety rules and regulations in effect in the piping industry and instructs students on safe work practices including use of Personal Protective Equipment (PPE), fire safety training, equipment lockout procedures and the Workplace Hazardous Materials Information System (WHMIS).

PPTF 102-240 hours
Use Tools and Equipment
This course introduces principles of operation, methods of use and maintenance of basic hand and power tools and shop equipment that are used in the piping industry. Various material handling devices such as hoists, cranes and forklifts and the associate gear such as ropes, knots, cables, chains, slings, shackles and clamps and other rigging attachments are covered. Learners also learn hand signals, appropriate piling and storage procedures, handling techniques for heavy objects, ladders, scaffolding and shoring used in the piping trades as well as cutting, soldering and brazing of metal using air-fuel and oxy-fuel.

PPTF 103-252 hours
Organize Work
This course introduces math and science concepts relating to the piping trades including properties of matter, pressure and force, displacement and flotation, fluid power, expansion and contraction, and heat measurement and transfer. It also includes drafting and blueprint reading and an introduction to the codes and standards, including manufacturers' documents used in the piping trades.

PPTF 104-180 hours
Install and Service Piping Systems
This course introduces the learner to the various materials and methods used to convey fluids in the piping trades. Concepts such as threading and welding steel pipe, as well as soldering and brazing copper tubing and the installation, testing, identification and protection of piping systems will also be covered.

PPTF 105-30 hours
Technical Exam
This course reviews prior courses in preparation for writing the Level One technical training examination. On successful completion of the examination learners are granted Level One Technical Training credit for the Plumber, Domestic/Commercial "B" Gasfitter, Steamfitter/Pipefitter and Sprinkler Installer Apprenticeship.

Project Management

PRM 111-12 hours
Introduction to Project Management
This course is designed to provide the student with the foundational knowledge upon which today's project management practices are based. Topics covered include the definition of project management, the role of the project manager and stakeholders, the life cycle and phases of a project, and an overview of current and emerging project management tools and processes.

PRM 112-16 hours
Initiating a Project
This course provides students with a detailed understanding of the initiation phase of project management. Students establish the project requirements, define the project scope, and identify the elements of a business case. Emphasis is given to defining project milestones and timelines resulting in successful project delivery. Topics covered include: the role of stakeholder, the purpose of a project charter, and the importance of having a project charter signed off by the project sponsor.

Only offered by Distance Education

PRM 113-30 hours
Project Time and Cost Management
This course requires students to create a project scope statement, a project schedule, define the project's activities, and identify key milestones. Students will use project management software to create a responsibility matrix, Work Breakdown Structure (WBS), and WBS dictionary. Students identify the critical path for their project and learn how it can be used to monitor the project's progress. Students will discuss the different types of project costs and explore different estimation tools and techniques. Students also create a project budget and establish a cost baseline for their project.

Only offered by Distance Education

PRM 114-27 hours
Planning the Management of a Project
This course engages the student in the tasks necessary to plan and manage a project. Managing projects in the workplace requires practical skills to work through issues that arise during a project's life cycle and manage factors that impact project scope. Students will develop plans for procurement management, quality management, risk management, human resource management, and communications.

Only offered by Distance Education

PRM 115-20 hours
Project Execution and Leadership
This course discusses leadership styles, roles and effective strategies for leading a project team. The ability to create, develop, and lead a team is vital to
the success of the project manager in the completion of a project. Students use technology to direct and manage the work on their project. Discussion focuses around challenging areas such as team formation, decision making, and conflict resolution. The course covers how to effectively report on progress, schedule, and deliverables from project inception to completion.

Also offered by Distance Education

**PRM 116-21 hours**
**Monitoring, Controlling and Closing a Project**
This course requires students to demonstrate their ability to monitor and control projects. Students will learn to manage project change by implementing a change control process. Students measure the success of their project by using earned value principles to determine how the project is progressing against the original project plan, and to forecast the project outcome. Students will learn how to successfully close a project and enable final sign-off by the project sponsor.

Only offered by Distance Education

**PRM 117-12 hours**
**Capstone Project**
This capstone course is designed to have students demonstrate their ability to interview a project sponsor to establish the purpose and scope of a project, and their aptitude to working with a project team to plan the project. The program culminates with each student presenting a project plan for evaluation by the instructor and industry representatives.

**Psychology**

*Prerequisites may be waived by the Psychology department. See prerequisite waiver.*

**PSYC 012-80 hours**
**Psychology 012**
Students will explore the historical foundations of psychology, biological basis of behaviour, learning and memory, social psychology, theories on personality and motivation as well as psychological disorders through the use of lecture, research, scenarios, guest speakers and questioning. Understanding will be demonstrated through written reports, essays, summaries, responses, informal presentations, and seminars. As this is a provincial level course, a research paper exhibiting proper APA citation will be required.

Prerequisites:
- ABE ENGL 071\(^1\) and ABE ENGL 072\(^1\) or ABE ENGL 070\(^1\)
- or ABE ENGL 081\(^2\) and ABE ENGL 082\(^2\) or ABE ENGL 080\(^2\)
- or minimum ABLE test scor of 72/80 and an Advanced Level writing sample.

\(^1\) minimum grade of 80 required
\(^2\) minimum grade of 60 required

**PSYC 111-3-3**
**Introduction to Psychology: Basic Processes**
This course is a survey of topics in psychology which relate to basic processes. The topics covered will include: the nervous system and physiological processes, sensation and perception, learning, cognition, and memory. Introductory methods and statistics will also be studied. (3,0,0)

Also offered by Distance Education

**PSYC 112-3-3**
**Introduction to Psychology: Personal Functioning**
This course will include a survey of topics in psychology, which relate to personal functioning. The topics covered in this course will include: motivation, emotion, development, social processes, personality, abnormal behaviour, and psychotherapy. Introductory research methods and statistics will also be studied. (3,0,0)

Also offered by Distance Education

**PSYC 204-3-3**
**Environmental Psychology**
Humans are affected by their physical surroundings, by simple elements such as light and sound, and by complex situations such as park design and city planning. This course focuses on the science of the interrelationships between individuals and their physical surroundings. Learners study the fundamental theories of place attachment and place identity in relation to natural, built, and social environments. (3,0,0)

Prerequisites:
- PSYC 111
- PSYC 121

**PSYC 210-3-3**
**Perception**
This course introduces the study of perception (seeing, hearing, touching, smelling and tasting) and discusses the basic principles that govern perception, action and knowledge. (3,0,0)

Prerequisites:
- PSYC 111
- PSYC 121
**PSYC 214-3-3**  
**Child Development**  
This course is an introduction to the field of child development. It will examine biosocial, cognitive, and psychosocial development of the individual from conception to late childhood. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 219-3-3**  
**Human Information Processing**  
(formerly PSYC 226)  
A survey of topics involved in the study of humans as information processors. Specific topics may include signal detection, attention, memory, storage and retrieval strategies and problem solving. Current theories and perspectives will be considered. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 220-3-3**  
**Lifespan Development**  
An introduction to the field of lifespan developmental psychology. Examination of the physical, cognitive, and psychosocial development of the individual from conception through later adulthood. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

Also offered by Distance Education

**PSYC 225-3-3**  
**Adult Development**  
This course is an introduction to the field of adult development. It will entail an interdisciplinary examination of biosocial, cognitive, and psychosocial development of the individual through the adult years. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 230-3-3**  
**The Biopsychology of Behaviour**  
(formerly PSYC 216)  
This course surveys topics in the study of the biopsychology of behaviour. Topics include the structure and function of the nervous system related to a combination of the following topics: human brain damage, vision, movement, eating and drinking, sex, sleep, drug addiction, memory, neuroplasticity, lateralization, and mental disorders. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 231-3-3**  
**Drugs and Behaviour**  
This course surveys topics related to the effects of drugs on behaviour. Specific topics will include cellular mechanisms of action, drug absorption, tolerance, addiction, withdrawal and placebo effects. Classes of drugs studied will include alcohol, tranquilizers, nicotine, stimulants, opiates, marijuana, hallucinogens, antidepressants and antipsychotics. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 240-3-3**  
**Health and Adjustment**  
(formerly PSYC 222)  
An introduction to the characteristics of human adjustment, physical health, and psychological health, this course includes an examination of the adjustment demands of major life events such as friendship and love, marriage, school, and work. Current research and major theories regarding the effect of stress will be covered, along with preventative health behaviour and strategies for coping. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 241-3-3**  
**Personality**  
(formerly PSYC 217)  
This course will focus on a variety of personality theories, including psychoanalytic, behavioural, cognitive, humanistic and trait perspectives. Topics may include methods of research and critical analysis of theoretical foundations and research. (3,0,0)  
Prerequisites:  
- PSYC 111  
- PSYC 121

**PSYC 242-3-3**  
**Abnormal Psychology**
formerly PSYC 227

An examination of contemporary paradigms in psychopathology and therapy and application of these paradigms to the analysis of selected disorders currently classified in the DSM IV. The investigation of classification systems up to the present DSM IV with an accompanying exploration of assessment techniques will be included. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121

PSYC 250-3-3
Interpersonal Relations

Students will be exposed to the research on interpersonal relations and social processes in this course. Topics may include social interaction, language and communication, power, conflict, negotiation, gender, racism, violence and altruism. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121

PSYC 252-3-3
Social Psychology
formerly PSYC 211

An introduction to social psychology, topics include attitudes, opinions and beliefs, persuasion, mass communication, group processes, prejudice, interpersonal attraction, conformity, aggression and conflict. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121

PSYC 255-3-3
Introduction to Psychology and Law

This course is a survey of topics involved in the application of psychology to the legal system. Topics may include eyewitness memory, criminal profiling, theories of crime, forensic assessment, police psychology, detecting deception, recovered memories, and jury decision-making. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121

PSYC 260-3-4
Introduction to Research Methods and Design

Introduction to the procedures and difficulties in the design and critical evaluation of research in experimental psychology. Topics include various research designs, probability theory, and simple statistics. A recommended course for students considering a psychology major. (3,1,0)

Prerequisites:
• PSYC 111
• PSYC 121
• STAT 121 is recommended

PSYC 270-3-3
Statistics and Data Analysis

This course in statistical data analysis is designed to provide an introduction to descriptive and inferential statistics in the behavioural sciences. Lectures will help students to develop a conceptual understanding of statistical techniques, as well as the ability to carry out many of these techniques. Assignments will provide an opportunity for students to gain experience in working with actual research data. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121

PSYC 309-3-3
Selected Topics in Personality

This course will focus on critically evaluating research and theory in the area of personality. Topics will include psychoanalytic, behaviourist, cognitive, and humanist theories. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121
• third-year standing

PSYC 320-3-3
Applied Development Psychology

Applied development psychology applies the theories, methods, and research findings of developmental psychology to contemporary social, developmental, and educational issues. Topics examined during the course may include prenatal health, parenting practices, child abuse, daycare, education, peer relations, substance abuse, sexuality, delinquency, and psychopathology. (3,0,0)

Prerequisites:
• PSYC 111
• PSYC 121
• PSYC 214 and PSYC 260 recommended

PSYC 340-6
Directed Studies in Psychology
Directed investigation of a problem, requiring a written report of findings.

Prerequisites:
- third-year standing permission of a faculty member who is prepared to supervise the investigation.

PSYC 341-3-3
Theory of Personality
(3,0,0)

PSYC 348-3-3
Evidence-Based Practice: Therapies
This course provides an overview of empirically support, evidence-based practice of psychological treatments. Focusing on disorders that are most likely to surface when dealing with social services, the course will review the evidence base for specific therapies targeting mental and behavioural disorders that relate to identify, family and social functioning across the lifespan. The course will examine what research shows with regard to assessment, intervention and outcome effectiveness, informing students of relevant research evidence so as to understand researched treatments that maximize benefit. Treatments suited to such disorders as dissociative identity disorders, anxiety and depression, trauma and stressor disorders, mood disorders, schizophrenia, substance-related and addictive disorders, and disorders of childhood, adolescence and old age are reviewed. (3,0,0)

Prerequisites:
- 6 credits of 200-level Psychology and 3rd year standing.

PSYC 365-3-3
Qualitative Methods & Analysis
This course introduces students to the theory and practice of qualitative research methods as employed in social, clinical, health, and educational research. Participants in the course will examine the processes of designing qualitative research, collecting qualitative data, qualitative data analysis, and interpreting and reporting qualitative research. (3,0,0)

Prerequisites:
- third-year standing

PSYC 470-3-3
Program Evaluation
(3,0,0)

Prerequisites:
- PSYC 111
- PSYC 121
- PSYC 260

- PSYC 270
- third-year standing

Refrigeration & Air Conditioning Mechanic

RACM 100-30 hours
Application of Trades Math for the Refrigeration Mechanic Trade
In this course students will review math principles used by Refrigeration and Air Conditioning Mechanics. Students will then apply those principles to perform calculations and create graphs required for refrigeration mechanics projects.

RACM 101-30 hours
Safety Techniques
This course introduces the student to various job hazards, B-52 Code, WorkSafeBC rules and regulations, and safe rigging procedures. Students will also complete the CFC/HCFC/HFC Control course.

RACM 102-30 hours
Welding and Brazing Techniques
This course introduces the student to the use of air-acetylene and oxy-acetylene welding methods.

RACM 103-30 hours
Basic Work Skills
This course introduces students to the refrigeration trade, employer/employee rights and obligations, as well as basic mechanical concepts. The course will also introduce the student to the development of communication skills within the trade.

RACM 104-30 hours
Application of Drafting Skills
This course introduces the students to the use of drafting skills and interpretation of mechanical drawings.

RACM 105-60 hours
Use of Tools
This course describes the proper use of tools (hand, power, powder-actuated, and precision measuring tools) and electric meters. The course also describes the proper use of charging, evacuation and reclaiming tools.

RACM 106-12 hours
Application of Computers
This course introduces students to the basic terminology of computers and their use in the refrigeration and air conditioning mechanics trade.

RACM 107-60 hours
Basic Electrical Concepts
This course introduces students to the fundamentals of electricity and transformer theory. The course also introduces students to single-phase and three-phase power characteristics.

RACM 108-60 hours
Electrical Wiring Schematics
This course prepares the student to identify circuit components and analyze simple circuits.

RACM 109-30 hours
Single-Phase Motor Theory
This course introduces students to the operation of motors and the analysis and causes of motor failure.

RACM 110-60 hours
Piping Practices
This course introduces students to the identification of copper pipe, fittings and connectors used within this trade. The course also introduces students to working with coiled tubes along with the proper use of tube cutters.

RACM 111-222 hours
Fundamentals of Refrigeration
This course introduces students to the properties of matter and heat; principles of gases; forms of energy; and properties of refrigerants.

RACM 112-60 hours
Refrigeration Systems Cycles
This course introduces students to basic refrigeration systems, mechanical refrigeration cycles, direct expansion system components and flooded system components.

RACM 113-30 hours
Refrigeration System Components
This course introduces students to compressor performance by calculating theoretical and actual displacement and factors limiting performance.

RACM 114-6 hours
Final Exam
In this course, students will write the first-year Refrigeration and Air Conditioning Mechanic exam.

Recreation Vehicle Partsperson

Recreation Vehicle Technician

RCST 03-70 hours
Drawings & Specifications

RCST 04-110 hours
Materials

RCST 05-204 hours
Tools and Equipment

RCST 06-60 hours
Bldg. Science/Special Const.

RCST 09-150 hours
Site Layout, Concrete Forms

RCST 10-190 hours
Frame Residential Housing

RCST 11-6 hours
Level One Carpentry Final Exam

Residential Building Drafting Technician

Residential Construction

RCST 01-60 hours
Work Safe

RCST 02-50 hours
Trades Mathematics

RCST 01A-72 hours
TH:Tools & Safety

RCST 01B-64 hours
PR:Tools & Safety

RCST 02A-27 hours
TH:Exterior Construction

RCST 02B-45 hours
PR:Exterior Construction

RCST 03A-34 hours
TH:Electrical Systems

RCST 03B-62 hours
PR:Electrical Systems

RCST 04A-34 hours
TH:Propane Systems

RCST 04B-26 hours
PR:Propane Systems

RCST 05A-12 hours
TH:Brakes & Undercarriages

RCST 05B-19 hours
PR:Brakes & Undercarriages
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<td>RVTE 106A-60 hours: Appliances</td>
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<td>RVTE 112A</td>
<td>RVTE 112A-12 hours: Computer Skills</td>
<td>12</td>
<td>TH</td>
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<td>RVTE 112B</td>
<td>RVTE 112B-18 hours: Computer Skills</td>
<td>18</td>
<td>PR</td>
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<tr>
<td>RVTE 113A</td>
<td>RVTE 113A-12 hours: Hydraulic Systems</td>
<td>12</td>
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<td>RVTE 113B</td>
<td>RVTE 113B-18 hours: Hydraulic Systems</td>
<td>18</td>
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<td>RVTE 114A</td>
<td>RVTE 114A-12 hours: Leveling Systems</td>
<td>12</td>
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<td>RVTE 114B</td>
<td>RVTE 114B-18 hours: Leveling System</td>
<td>18</td>
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**Early Childhood Education - School-Age Care**

**Sustainable Building Technology**

**SBT 102-3-3 Introduction to Design**

Architectural and interior design are important contributors in how we experience our daily life. Students will examine architectural styles, their historical influences, and the paradigm shift towards an ecologically sensitive and human centered built environment. Topics include architectural history, principles and elements of design, human ecological design, Frank Lloyd Wright, and interior design and the human experience. (3,0,0)

**Prerequisites:**
- Admission to Sustainable Building Technology

**SBT 112-3-3 Construction Drafting and BIM I**

Students gain an understanding of construction terminology and documents through the interpretation and review of residential and commercial construction drawings. Students create a set of working construction drawings using three-dimensional modeling software while being introduced to the use of Building Information Modeling (BIM) in the construction industry. (3,0,0)

**Prerequisites:**
- Admission to the SBT program

**SBT 113-3-3 Quantity Surveying and Estimating I**

Students are introduced to the role and responsibilities of the quantity surveyor and construction estimator. Topics covered include overhead, contingencies, labor and equipment costs in construction, estimating by division, and due diligence methods associated with determining the
accuracy of estimating takeoffs. Students are introduced to the General Conditions costs on a project (Division 1) and prepare cost estimates for various construction projects. (3,0,0)

Prerequisites:
- SBT 112

SBT 114-3-3
Sustainability and Ethics in Construction
Engineer, Architects, Technologists and Construction professionals who deeply engage in the development and application of sustainable construction principles make decisions that have implications that impact the health and welfare of society as well as the built and natural environment. This class provides basic instruction in the ethical foundations of sustainability for construction professionals. Students will learn the various interpretations and applications of sustainability, the role of technology in addressing sustainability issues, and the ethical principles essential for attending to these concerns. Students are introduced to a basic set of principles that will help learners consider such issues as intergenerational equity, social justice in the global community, interspecies respect and protection, and ecological economics. Students will also explore the challenges involved in making and implementing decisions in the midst of complex sustainability issues. (3,0,0)

Prerequisites:
- admission to SBT program

SBT 115-4-6
Construction Methods I
This introductory course on construction methods provides an overview of the equipment and materials associated with construction projects. Students study the basic principles of project delivery, equipment and material selection, building site layout, and safety implications. Students design a scale model to demonstrate energy-efficient construction methods that conform to the BC Building Code. (3,3,0)

Prerequisites:
- admission to SBT program

SBT 116-2-2
Scheduling and Cost Control
This course provides an introduction to critical path scheduling and budget management for construction projects. Students review the construction contract to the context of completion dates, penalties, hours of work, and implications to the project budget. Students are introduced to Critical Path Management (CPM) scheduling software commonly used in construction, as well as project cash flow, profitability, cost planning, and cost accounting. (1,1,0)
Prerequisites:
• SBT 114

**SBT 134-3-3**
**Green Building Principles**
Students are familiarized with a whole systems thinking approach to the development of green buildings. Students will be introduced to modern and vernacular design strategies; the human needs for comfort and shelter; heat transfer and loss; building form; bioclimatic design; passive heating and cooling; green roofs and walls; daylighting; and thermal envelopes. (3,0,0)

Prerequisites:
• SBT 124

**SBT 144-3-3**
**Sustainable Methods and Technologies**
Students study construction technologies and methods that reduce or eliminate the environmental impacts of construction activities and projects. Methods and technologies include low impact development, wastewater and rainwater systems, high performance building envelopes, waste segregation and recycling, and natural building methods. (3,0,0)

Prerequisites:
• SBT 124

**SBT 223-3-3**
**Sustainable Materials**
Students are taught to identify and to select appropriate materials and design methods to meet the goals of an extensive range of sustainable construction projects. Topics will include low emitting materials, use of renewable, recycled, regional materials, cradle-to-cradle design. Students will review materials based on lifecycle building assessment and environmental & health product declarations. Lab sessions will involve design of high performance building envelope systems using a combination of renewable, regional, recycled and or environmentally benign materials with the goal of reducing or eliminating construction material waste, carbon emissions, and environmental degradation. Students will also become acquainted with making the economic case for sustainability and how to present it. (2,1,0)

Prerequisites:
• SBT 144

**SBT 224-3-3**
**Greening Existing Infrastruct**
(3,0,0)

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**Science**

Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.

**SCIE 070-80 hours**
**Science 070**
This course includes units in the scientific method, biology, chemistry and physics. Topics may include mechanics, heat, ecology, earth science and chemistry of gases. It prepares students for entry into the trades or ABE advanced level sciences.

**SCIE 080-80 hours**
**Advanced General Science 080**
An overview of the basic principles of biology, chemistry and physics with an introduction to some of the social issues related to the development and use of scientific knowledge.

**Sustainable Construction Management Technology**

Prerequisites may be waived by the Sustainable Construction Management department. See prerequisite waiver.

**SCMT 112-3-3**
**Construction Measurements and Drafting**
Learners gain an understanding of construction terminology and drawings (architectural, structural, electrical, plumbing, HVAC and landscaping) through interpretation and measurement of construction project plans and specifications. Learners are introduced to Building Information Modeling (BIM) and 3D drafting via Tremble Sketch-up. (3,0,0)

Prerequisites:
• admission to the SCMT program

Concurrent Registration:

**SCMT 113-3-3**
**Quantity Surveying and Estimating I**
Learners are introduced to the role and responsibilities of the quantity surveyor and construction estimator. Topics covered include overhead contingencies, labor and equipment costs in construction, estimating by division, and due diligence methods associated with determining the accuracy of estimating takeoffs. Learners are introduced to the General Conditions costs on a project (Division 1) and prepare cost estimates for various construction projects. (3,0,0)

Prerequisites:
SCMT 112\(^1\)
Concurrent Registration:
\(^1\) minimum grade of 60 required

SCMT 114-3-3
**Sustainability and Ethics in Construction**
Learners are introduced to the ethical foundations of sustainability for construction professionals, the various interpretations and applications of sustainability, and the role of technology in addressing sustainability issues. Learners explore the fundamental principles involved in making and implementing decisions in the midst of complex sustainability issues including intergenerational equity, social justice in the global community, interspecies respect and protection, and ecological economics. (3,0,0)

Prerequisites:
- Admission to the SCMT Program.

SCMT 115-4-6
**Construction Methods I**
This introductory course on construction methods provides an overview of the equipment and materials associated with construction projects. Learners study the basic principles of equipment and material selection, safety implications and operational procedures. Learners physically construct a range of construction systems and details that are commonly used in projects. Many of these construction elements are related to foundations and formwork. (3,3,0)

Prerequisites:
- Admission to SCMT Program.

SCMT 116-2-2
**Scheduling and Cost Control**
This course provides an introduction to critical path scheduling and budget management for construction projects. Learners review the construction contract to the context of completion dates, penalties, hours of work, and implications to the project budget. Learners are introduced to Critical Path Management (CPM) scheduling software commonly used in construction, as well as project cash flow, profitability, cost planning, and cost accounting. (1,1,0)

SCMT 120-3-3
**Procurement Process**
Learners are introduced to the different procurement methods commonly used in construction projects. Learners gain knowledge in basic principles of procurement, the associated risks and benefits of varying procurement options, the efficient implementation of sustainability in each route and the effect of project delivery methods on sustainability objectives. (3,0,0)

Prerequisites:
- SCMT 112\(^1\)
\(^1\) minimum grade of 60 required

SCMT 124-3-3
**Sustainability and the Built Environment**
This introductory course provides learners with an overview of the history and global perceptions of the sustainability movement as it relates to the built environment. Through case studies and live projects, learners investigate the effect that sustainable policies and green building certifications have on energy efficiency, water conservation, and indoor environmental quality issues. (3,0,0)

Prerequisites:
- SCMT 114
- Admission to SCMT Program.

SCMT 125-4-6
**Construction Methods II**
This introductory course is a continuation of SCMT 115 and expands on equipment and materials associated with construction projects. Learners study basic principles of equipment and materials selection, safety implications and operational procedures. Learners physically construct a range of construction systems and details that are commonly used in projects. Many of these construction elements are related to framing. (3,3,0)

Prerequisites:
- SCMT 115

SCMT 132-3-3
**Introduction to Sustainability Assessment**
Students are introduced to nationally and internationally recognized methodologies used by the construction industry to measure and assess sustainability. This includes Leadership in Energy and Environment Design (LEED), the Living Building Challenge (LBC) and other international frameworks as selected by the professor and or student investigation. The students tour local sustainable buildings and investigate the sustainable interventions that were made in the design and construction process, as well as carrying out their own assessments. (3,0,0)

Prerequisites:
- SCMT 114
Concurrent Registration:

SCMT 134-3-3
Green Building Principles
Learners are introduced to a whole systems thinking approach to the development of green buildings which includes: modern and vernacular design strategies, the human needs for comfort and shelter, heat transfer and loss, building form, bioclimatic design, passive heating and cooling, green roofs and walls, daylighting, and ultra-low energy buildings. (3,0,0)

Prerequisites:
- SCMT 124

SCMT 144-3-3
Sustainable Methods and Technologies
Learners study construction technologies and methods that reduce or eliminate the environmental impacts of construction activities and projects. Methods and technologies include low impact development, wastewater and rainwater systems, high performance building envelopes, waste segregation and recycling, and natural building methods. (3,0,0)

Prerequisites:
- SCMT 124
  1 minimum grade of 60 required

SCMT 148-3-4
Statics and Strength of Materials I
A study of the basic static forces on structures, analysis of vectors, couples, and moments in two dimensions (coplanar). Simple stress and strain and thermal affects are included. Students with credit for CIEN 134 cannot take SCMT 148 for further credit. (2,2,0)

Prerequisites:
- Admission to the Civil Engineering Technology program or admission to the Sustainable Construction Management Technology program.

SCMT 206-3-3
Lean Construction
The learners pursue an in-depth exploration of the application of lean initiatives in the construction industry that are based on a holistic pursuit of continuous improvements aimed at minimizing costs and maximizing value on a construction project: planning, design, construction, activation, operations, maintenance, salvaging, and recycling. The learners investigate the risks associated with manpower costs, construction delays, rework and overtime. (3,0,0)

Prerequisites:
- SCMT 116

Corequisites:
- SCMT 216

SCMT 212-3-3
Quantity Surveying and Estimating II
Learners investigate complex construction project documents. Learners analyze construction projects and prepare takeoffs for earthworks, concrete, formwork, structural steel, and lumber and prepare a complete bid document for the project tender package. The elements of the bid include a bill of materials, construction costs, general condition costs and scheduling costs. Learners are introduced to WinEst electronic takeoff and estimating software. (3,0,0)

Prerequisites:
- SCMT 113

Concurrent Registration:

SCMT 216-3-3
Conflicts in Construction
Learners investigate common conflicts that arise during construction projects. Through the analysis of case studies and live projects, learners identify the causes of conflicts, the impact of delays upon projects, and the respective financial penalties. Learners are introduced to risk management practices and principles to identify and avoid potential conflicts, as well as methods of conflict resolution for appropriate site management. (2,1,0)

Prerequisites:
- SCMT 116
  1 minimum grade of 60 required

Corequisites:
- SCMT 206

SCMT 223-3-3
Sustainable Materials
Learners identify and select suitable materials and design methods to meet project sustainability goals including low emitting materials, use of renewable, recycled, regional materials, and cradle-to-cradle design. Learners review materials through lifecycle building assessment and environmental product declarations, and design high performance building envelope systems. Learners are also introduced to developing and presenting a business case for sustainable materials. (2,1,0)

Prerequisites:
• SCMT 144

SCMT 224-3-3
Greening Existing Infrastructure
Learners examine the issues, techniques and processes that are involved in sustainably renewing the existing built environment. Topics include restorative design, building performance studies, building commissioning, improving energy and water efficiency, limiting (re)construction waste, improving indoor environmental quality supporting sustainable operations, passive survivability, consideration of renewable energy sources, and post-occupancy evaluations. (3,0,0)

Prerequisites:
• SCMT 134

SCMT 226-3-3
Leadership and Innovation
This course draws together the knowledge from other courses and asks the learner to consider the roles and responsibilities of team members throughout a typical construction project. Topics covered are transformational and value-based leadership, creating conditions open for innovative solutions by all team members. The course is taught partly through role-play in the context of real-life construction projects. (3,0,0)

Prerequisites:
• SCMT 216¹

¹ minimum grade of 60 required

SCMT 228-3-3
Renewable Energy Technologies
This course provides a comprehensive overview of alternative energy sources, applications, technologies and strategies. Topics cover the latest developments relating to wind power systems, solar thermal heating and photovoltaic generation, geothermal heating, and electrical production, bio-fuels, waste-to-energy systems, energy storage, fuel cells, and hydroelectric power among others. Economic issues along with financial methodologies and incentives will also be considered. (2,1,0)

Prerequisites:
• SCMT 134¹

¹ minimum grade of 60 required

SCMT 234-3-3
Sustainable Design and Development
Learners perform an advanced investigation into how the design and development procedures of construction projects can be improved to meet Owner Project Requirements (OPRs) and sustainability goals. Learners, drawing experience from previous courses, develop their own sustainable design proposals and present these in a financial format suitable for consultant review and appropriate for developers/owners. (3,0,0)

Prerequisites:
• SCMT 223¹

¹ minimum grade of 60 required

SCMT 238-3-3
Sustainable Business Case
Learners are introduced to the fundamentals of business cases and Intellectual Property Law. Learners conduct feasibility studies that review the functional, technical and operational feasibility of a service or product proposed to the construction industry. Learners also conduct an economic analysis of whole life costs, simple paybacks and life cycle assessments in order to assess the financial, environmental, and social impacts of the proposed service or product. (3,0,0)

Prerequisites:
• SCMT 223

SCMT 244-3-3
Regenerative Design
Learners explore the fundamentals of ecosystems which promote designs for regeneration. Learners are taught the fundamentals of regenerative approaches to sustainable development and design which include place and potential, regenerative capacity, partnering with place, and progressive harmonization. Underlying topics include biomimicry, biomimetic, restorative design, and regenerative design and development. (3,0,0)

Prerequisites:
• SCMT 228¹

¹ minimum grade of 60 required

SCMT 248-3-5
Construction Law
In this course basic contract law and its application to construction contracts from the engineering technologist’s viewpoint are examined. Major Canadian contractual litigation cases will be explored. Students with credit for CIEN 248 cannot take SCMT 248 for further credit. (3,2,0)

Prerequisites:
• completion of eight CIEN courses or CIEN 134 and admission to the Sustainable Construction Management Technology program.
SCMT 251-3-4  
Project Planning  
This final-year project course provides learners with a challenging project requiring the demonstration of skills and knowledge gained throughout the program. This team-based project is selected based on potential to contribute to the economic, environmental, and social well-being of the community. Learners will prepare and present to members of the community a complete proposal outlining the project schedule, estimates, costs, and contribution to community sustainability. (1,3,0)

Prerequisites:  
• SCMT 125\(^1\)  
\(^1\) minimum grade of 60 required

SCMT 252-3-4  
Project Delivery  
This final-year project course is a continuation of the project proposed in SCMT 251. This team-based project is selected on its potential to contribute to the economic, environmental, and social well-being of the community. Learners will manage the construction of the proposed project and officially present the final constructed project to the members of the community. (0,4,0)

Prerequisites:  
• SCMT 251\(^1\)  
\(^1\) minimum grade of 60 required

Sheet Metal Worker

SHMT 110-30 hours  
Safe Work Practices  
Students will learn occupational health and safety rules and regulations currently in effect in the sheet metal worker trade. Students will focus on safe work practices including basic crane operator hand signals, fire safety training, and Workplace Hazardous Materials Inform

SHMT 111-90 hours  
Tools and Equipment  
Students will learn to select, use, inspect and maintain tools appropriate to the sheet metal processes. Students will learn different methods of welding and cutting. Students will be able to cut using plasma and oxyacetylene tools and weld using Gas Metal Arc Welding(GMAW) and Shield Metal Arc Welding(SMAW). The student will also be able to describe hoisting, lifting and rigging equipment.

SHMT 112-80 hours  
Organize Work  
Students will solve mathematical problems using whole numbers, fractions, decimals, measurements, volumes, ratio and proportion, percent, powers and roots, simple graphs, formulas, geometry, and Imperial and metric conversion relating to the sheet metal worker trade. The student will learn to interpret the information on a shop drawing and construct a project from shop drawing.

SHMT 113-240 hours  
Layout and Development Patterns  
Students will learn how to create construction drawings using symbols and lines, how to extract information and measurements from construction drawings and the basic techniques required to produce clean, consistent and accurate sketches that can be read by others in the sheet metal worker trade. They will also develop geometric constructions and patterns using parallel line development, radial line development and triangulation.

SHMT 114-100 hours  
Fabricate Trade-Related Products  
Students will learn and apply the theory involved in layout procedures including calculations for seams, locks, edges and joints while utilizing various tools including sheet metal hand and power tools, shop equipment, soldering methods, riveting techniques and the use of CAD/CAM equipment.

SHMT 115-30 hours  
Install Air Handling Systems  
The student will be able to describe and install air handling ductwork and components to given project specifications.

SHMT 116-30 hours  
Level One Review and Examination  
Students will review all courses taken in preparation for writing the Level One technical training examination. On successful completion of the examination students are granted Level One Technical Training credit for the Sheet Metal Worker Apprenticeship.
Silviculture/Nursery Production (Introduction)

Service and Support in a Learner-Centred Organization

Special Needs Worker

Sociology

Prerequisites may be waived by the Sociology department. See prerequisite waiver.

**SOCI 111-3-3**
Introduction to Sociology I
This course provides students with opportunities to explore some of the basic questions that sociologists ask: What is the relationship between individuals and society? How is society organized and structured? How does socialization, the groups we belong to, and the way society is organized and structured affect the way we think and act? Why is there inequality in the world? Students will learn theories and methods sociologists use to examine society and human behavior. Topics to be examined include culture, socialization, social interaction, social inequality, gender, sexuality, race and ethnicity. (3,0,0)

Also offered by Distance Education

**SOCI 121-3-3**
Introduction to Sociology II
This course furthers the content of Sociology 111 by examining social structures and institutions in Canada as well as some global issues. Topics may include global inequality, work and the economy, politics and the state, media and technology, families, religion, education, crime and deviance, the environment, and social change. (3,0,0)

Prerequisites:
- SOCI 111

Also offered by Distance Education

**SOCI 202-3-3**
Introduction to Social Problems
This course examines the emergence of select social issues or problems and how these are influenced by socio-economic and political structures. It also considers the persistence of social problems and historically and currently employed strategies to improve the social condition. Topics will vary but will include some of the following: substance (mis)use, environmental concerns, economic concerns, economic inequality, healthcare, race and ethnicity, education and ageism. (3,0,0)

**SOCI 203-3-3**
Canadian Social Issues
Issues facing Canadian society are examined from a theoretical perspective that focuses on inequality and social policy. Topics may include poverty, foreign domination, nationalism, multi-culturalism, ethnicity and race, regional inequality, Aboriginal peoples, women, immigration, work and unemployment, health care and social welfare. (3,0,0)

**SOCI 204-3-3**
Women, Crime and Justice
In this course we will examine the history of women and crime and consider crime as a constructed discourse with particular gendered implications. We will examine how the Canadian criminal justice system and social control apparatus constructs women as criminals, victims and workers and how this in turn reflects and reproduces our stratified social order. This course is also offered as GSWS 204 and CRIM 204. Students with credit for WMST 204 or GSWS 204 or CRIM 204 cannot take SOCI 204 for further credit. (3,0,0)

Prerequisites:
- SOCI 111 or CRIM 111 or WMST 100 or GSWS 100

**SOCI 205-3-3**
Childhood and Society
An examination of children's cultural experience and the institutions that shape them. Topics may include the historical evolution of childhood; families, schools and socialization; violence against children; the state and social policy; street culture; and the media. Films and novels may be used to illustrate issues. (3,0,0)

Prerequisites:
- SOCI 111
- SOCI 121

**SOCI 210-3-3**
Foundations of Sociological Thought
This course traces the foundations of the sociological thought of the key thinkers who contributed to the development of sociological theory. (3,0,0)

Prerequisites:
- SOCI 111

**SOCI 211-3-3**
Canadian Society I
An examination of the Canadian social structure and the relationship between social class and education, religion, ethnicity, regional location, politics and
culture. The historical development of class and power in Canada and an analysis of various theories of development may be included. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 212-3-3**  
**Race and Ethnic Relations I**  
An analysis of the various perspectives, models and theories of race and ethnic relations. Ethnic stratification systems and the sources of racial and ethnic inequality are examined under different social conditions. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 213-3-3**  
**Sex, Gender and Society I**  
Sex and gender differences are examined through an analysis of how socialization and the structure of society affect women's and men's behaviour, roles, and relationships. The cultural, historical and economic foundations of the position of women are explored with reference to topics such as the family, class, politics, religion, deviance, health care, the media and popular culture. Multi-disciplinary explanations for gender differences and a cross-cultural comparison of sex and gender roles will add to the understanding of contemporary gender relations. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 216-3-3**  
**Media and Society**  
This course examines the roles of mass, news, and social media in society from a sociological perspective. It analyzes how media are shaped by political, economic, sociocultural, and technological focuses, how they influence social values, social relations, and behaviors, and how they facilitate social change. Students will learn theoretical perspectives and apply these tools to critically evaluate organizations, practices, and content. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 217-3-3**  
**Consumer Society**  
This course provides students with an overview of theories and debates about consumption in sociology and related disciplines. It examines consumer society and culture in relation to topics such as identity, desire, social inequality, political economy, globalization, the environment, and social change. Students will be engaged in analyzing political, socioeconomic, and cultural aspects of consumption in sociological context. They will also have an opportunity to explore alternative visions and practices. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 218-3-3**  
**Introduction to Research Methods**  
This course introduces students to a foundational understanding of social science research methods as practiced within sociology. Specifically, this course focuses on the theory of inquiry, scientific method, inductive versus deductive reasoning, qualitative and quantitative approaches to research design and data collection, data sources, common errors in research, and research ethics. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 219-3-3**  
**Sociology and Religion**  
This course provides an overview of theoretical issues in the sociology of religion. In addition to basic themes such as the social function of religion, more complex themes such as religion's relation to social cohesion and conflict, and to social change will be considered. (3,0,0)

Prerequisites:
• SOCI 111  
• SOCI 121

**SOCI 221-3-3**  
**Canadian Society II**  
A study of Canadian social issues including poverty, regional disparity, national unity, urbanization, deviance, social change, social movements, political protest, Canadian identity, minority groups, prejudice and Canadian independence. Social theories will be tested for their applicability to Canada. (3,0,0)

Prerequisites:
• SOCI 111

**SOCI 222-3-3**  
**Race and Ethnic Relations II**  
Canadian race and ethnic relations will be examined by testing models and theories. Specific ethnic and racial groups, social policy, and bilingual, bi-cultural, multicultural and immigration issues are analyzed. (3,0,0)
Prerequisites:
• SOCI 111

SOCI 223-3-3
Sex, Gender and Society II
Theoretical perspectives on sex and gender roles and social change within a Canadian context are examined. A historical introduction will analyze the social and political roots of the women’s movement as a case study in social change, and the effect such change has on men, the family and institutions in society. Contemporary social issues such as sexual abuse, prostitution, pornography and family violence may be discussed within the context of gender relations. (3,0,0)

Prerequisites:
• SOCI 111

SOCI 224-3-3
Men and Masculinities
This course is a critical study of the multiple forms of oppression and privilege that are produced through interpretations, interactions and definitions of masculinity. Learners explore masculinities as maintained and reproduced on individual, cultural and institutional levels of society. Specific topics may vary but will include some of the following intersections with masculinity: sport, violence, religion and ethnicity, geography, health, crime and punishment, sexuality, education and social class. This course is also offered as GSWS 225. Students with credit for WMST 225 or GSWS 225 cannot take SOCI 224 for further credit. (3,0,0)

Prerequisites:
• SOCI 111
  or WMST 100
  or GSWS 100

SOCI 225-3-3
Adolescence and Society
This course will examine the cultural and structural contexts of the social construction of adolescence. Topics may include contemporary youth culture; socialization, identity, and development; class, gender, ethnic, and sexual diversity; family life, friendships, intimate relations, education, work, and leisure; economic and demographic issues; violence; cultural resistance and social change; historical and cross-cultural comparisons. (3,0,0)

Prerequisites:
• SOCI 111
  or SOCI 121

SOCI 226-3-3
Work, Technology and Social Change
An examination of the relationship between work, technological innovation and social change with particular emphasis on the industrial and communications revolutions. The effects of modern technology and changes in the economy, work, social stratification, the family, gender, religion and politics may be studied. (3,0,0)

Prerequisites:
• SOCI 111
  or SOCI 121

SOCI 250-3-3
Crime and Society
An introduction to crime as a social phenomenon, focussing on the changing definitions of crime in relation to social and political change in Canada and other societies; the scope and nature of the crime problem; the growth of criminology; and the institutional responses to criminal behaviour by the Canadian justice system. (3,0,0)

Prerequisites:
• SOCI 111

SOCI 260-3-3
Youth, Crime and Deviance
From the minor deviance of green hair and loud music to the serious crime of patricide, this course examines norm-breaking behaviour as it applies to youth as perpetrators and victims. By studying how and why social control is applied to juveniles as distinct from adults, students can develop an understanding of the place and perception of youth in modern society. By comparing theories of crime and delinquency with actual findings, this course will critically examine the "social problem" of youth through the dimensions of class, race, gender and social change. (3,0,0)

Prerequisites:
• SOCI 111

SOCI 269-3-3
Studies in Sexualities
This course is designed to provide an introduction to a number of perspectives on sexualities, sexual practices and sexual identities. It will explore historical and contemporary approaches to sexuality and how these intersect with gender, class, and racialization. This course takes into account structural influences that shape experiences and understandings of sexuality and how resistance has brought about social change. This course is also offered as GSWS 269. Students with credit for GSWS 269 cannot take SOCI 269 for further credit. (3,0,0)

Prerequisites:
• SOCI 111
  or GSWS 100
  or WMST 100

SOCI 270-3-3
Deviance and Social Control
This course is a critical examination of deviance and
social control in society. Theoretical perspectives on
deviance, social control, moral regulation,
surveillance, penalty and law are studied. Theoretical
issues will be stressed rather than social problems
and their remedies. (3,0,0)

Prerequisites:
• SOCI 111
• SOCI 121

SOCI 271-3-3
Statistical Analysis in Sociology I
formerly SOCI 371
This course is an introduction to the logic and
interpretations of elementary statistics in the social
sciences, with special emphasis on problems unique
to sociology. The calculation and interpretation of
basic measures of central tendency, variability and
association will be stressed. Problems of
measurement, sampling, estimation, and inference
are covered. (3,0,0)

Prerequisites:
• SOCI 111
• SOCI 121

SOCI 295-3-3
Current Topics in Sociology
This course is an examination of selected topics in
contemporary sociology. Consult with the department
for current offerings. With different topics, this course
may be taken more than once for credit. (3,0,0)

Prerequisites:
• SOCI 111

SOCI 303-3-3
Environmental Sociology
This course examines the reciprocal interactions
between the physical environment, social
organization, and social behaviour. It will take a
sociological approach to the study of environmental
issues, including the impact of economic growth, land
use planning and natural resource development,
focusing on environmental values, community
change, social impact assessment as well as
environmental activism. (3,0,0)

Prerequisites:

- SOCI 111 and SOCI 121
  or third-year standing

SOCI 304-3-3
Globalization and Social Change
The term globalization describes global connectivity,
integration and interdependence in economic, cultural,
technological, political, social and ecological fields.
This course offers a sociological approach to the
subject of globalization with a focus on social justice.
Globalization affects people worldwide in diverse
ways. This course explores the major theories and
debates with these differences in mind. (3,0,0)

Prerequisites:
• SOCI 111
• SOCI 121 or third-year standing

Social Work
Prerequisites may be waived by the Interdisciplinary
Studies department. See prerequisite waiver.

SOCW 200A-3-3
An Introduction to Social Work Practice
An introduction to the general practice of social work
with emphasis in interdisciplinary approaches and the
roles of consumer and self-help groups in the helping
process. This course reviews the knowledge base and
skills of social work practice, and assists students to
evaluate their interests and capacities for entering the
profession of social work. (3,0,0)

Also offered by Distance Education

SOCW 200B-3-3
An Introduction to Social Welfare in Canada
An introduction to and analysis of major social policies
and programs in Canada. Emphasis will be given to
policies on income security, corrections, health, family
and children, and housing, and will include an
examination of the role of the social worker in
formulating policy. (3,0,0)

Also offered by Distance Education

SOCW 295-3-3
Special Topics in Social Work
This course is an examination of selected topics in
Social Work including, but not limited to, gender,
family, race, equity, and activism. Consult with the
department for current offerings. With different topics,
this course may be taken more than once for credit.
(3,0,0)

Prerequisites:
•
Second year standing or permission of the instructor and the department chair

**SOCW 309-3-3**  
**Interview & Assessment Skills**  
This course introduces students to the values, knowledge, theory and skills for interviewing and assessment within an environment sensitive to dynamics of diversity, culture, gender, power and language. The course will examine use of self, self-awareness and identity, and stages of the worker-client relationship. A strong emphasis will be on application of various theories to the assessment process and how these theories impact the perception of the client, environment, and chosen intervention(s). Case analysis, lecture, discussion, and role play will address all stages of the worker-client relationship, including challenging situations and ethical issues. (3,0,0)

**Prerequisites:**  
- SOCW 200A  
- SOCW 200B  
- third-year standing

**SOCW 320-3-3**  
**Case Management and Transition to Field Placement**  
This course is designed to facilitate the integration of students' learning from practice and theory courses for the purposes of their professional development. The course provides history, knowledge, and skills for case management as students prepare to enter a practicum or field placement experience environment. Particular attention will be given to issues students may fact in the field including inter-professional relationships, community development, working with diverse populations, and understanding self and use of self in the social work role. Students will be encourage to increase self-awareness of their own social location, privilege, and experiences of oppression as they prepare to enter the field placement. (3,0,0)

**Prerequisites:**  
- SOCW 200A  
- SOCW 200B  
- third-year standing

**SOCW 410-3-3**  
**Individual and Environmental Intervention**  
This course builds on the practice foundations of SCOW 309: Interview & Assessment Skills by introducing students to intervention theories and techniques at the individual, group, community, and structural levels. Students will develop knowledge, skills, and awareness of values necessary for the provision of professional services from a generalist perspective, focusing on the change process, the impact of diversity and oppression, individual and group empowerment, advocacy, social justice and social change. The course takes a critical perspective on individual problems and analyses how individuals are impacted by their environment, and how these environments can be altered to create change at the individual level. (3,0,0)

**Prerequisites:**  
- SOCW 309  
- third-year standing

**Social Studies**

**Prerequisites may be waived by the Adult Academic and Career Preparation department. See prerequisite waiver.**

**SOST 070-80 hours**  
**Social Studies 070**  
Course content consists of four units: Canadian government; law and citizenship; economics and people; and multiculturalism. The role of the citizen, family member, consumer, community member, worker and learner are examined. All units offer a broad, and yet integrated, cross-section of contemporary social studies.

**Prerequisites:**  
- ABE ENGL 061\(^1\) and ABE ENGL 062\(^1\) or ABE ENGL 060\(^1\)  
- or a minimum ABLE test score of 56/80 and an Intermediate Level writing sample.

\(^1\) minimum grade of 60 required
SOST 011-80 hours
Social Studies 011
The history of Canada from Confederation to the present with emphasis on the evolution of political and social institutions. Current Canadian problems are analyzed in the perspective of our recent history. A study of population and urbanization and an assessment of world-wide trends are included.

Prerequisites:
- ABE ENGL 071$^1$ and ABE ENGL 072$^1$ or ABE ENGL 070$^1$
- or a minimum ABLE test score of 68/80 and an Advanced Level writing sample.

$^1$ minimum grade of 60 required

Spanish Work

Spanish

Prerequisites may be waived by the Modern Languages department. See prerequisite waiver.

SPAN 111-3-3
Spanish I
This course is an introduction to Spanish. It covers reading, writing, speaking and listening skills through the study of basic Spanish. (3,0,0)

SPAN 121-3-3
Spanish II
This course is a continuation of SPAN 111. (3,0,0)

Prerequisites:
- SPAN 111

SPAN 203-3-3
Oral Expression I
This course will build oral communication skills and expand vocabulary through a variety of interactive activities in different media. Activities will include individual and group presentations, conversational strategies, discussion of current topics, video and audio comprehension, cultural awareness, online assignments and study and review of relevant grammar. Readings and short compositions will further develop students' communicative ability. Students with credit for SPAN 231 may not take SPAN 203 for credit. (3,0,0)

Prerequisites:
- SPAN 121 or Spanish 12$^1$
- not suitable for native Spanish speakers

$^1$ minimum score of 70 required

SPAN 204-3-3
Oral Expression II
This course is a continuation of SPAN 203 with a focus on the development of speaking interaction and production skills for academics and everyday contexts and the study of relevant grammar and vocabulary. Student with credit for SPAN 241 may not take SPAN 204 for credit. (3,0,0)

Prerequisites:
- SPAN 203 or SPAN 211 or SPAN 231
- not suitable for native Spanish speakers

SPAN 211-3-3
Spanish III
This course continues the study of Spanish, emphasizing the development of reading and writing skills. (3,0,0)

Prerequisites:
- SPAN 121

SPAN 221-3-3
Spanish IV
This course is a continuation of SPAN 211. (3,0,0)

Prerequisites:
- SPAN 211 or SPAN 231

SPAN 231-3-3
Conversation and Reading
This is a course in conversation and reading that assumes sufficient oral ability and knowledge in grammar to succeed. Topics will include composition, conversation, and reading about current topics. This course may be taken concurrently with SPAN 211 and SPAN 221. (3,0,0)

Prerequisites:
- SPAN 121$^1$

$^1$ minimum grade of 65 required

SPAN 351-3-3
Spanish for Business
This course develops reading, writing, listening, and oral communication skills through an integrated skills approach. The course will target vocabulary, structures, cross-cultural situations, and written communication which are useful in a variety of business contexts. (3,0,0)

Prerequisites:
- 6 credits of SPAN with a minimum grade of 70% per course
- third-year standing
Sterile Processing & Distribution

Special Education

Statistics

Prerequisites may be waived by the Mathematics & Statistics department. See prerequisite waiver.

STAT 121-3-4
Elementary Statistics
This course is an introduction to descriptive and inferential statistics. Topics include but are not limited to descriptive statistics; elementary probability; the normal probability distribution; introduction to simple sampling strategies; introduction to randomized, controlled experiments; estimation of parameters; confidence intervals; hypothesis testing; and correlation and linear regression.

Students with credit for STAT 124 cannot take STAT 121 for further credit. CPA credit. Note: Students should be aware that certain universities will not accept this course for credit towards a Bachelor of Science degree (3,1,0)

Prerequisites:
• ABE MATH 011 or Pre-Calculus 11 or Foundations of Mathematics 12 or Principles of Math 11 or Foundations of Mathematics 111 or Applications of Mathematics 111 or ABE IALG 0112 or ABE MATH 0842 or ABE MATH 0852 or Math Diagnostic Test3

1 minimum score of 60 required
2 minimum grade of 60 required
3 minimum score of 16 required

Also offered by Distance Education

STAT 124-3-4
Business Statistics
An introduction to surveys and simple sampling strategies; descriptive methods for one and two variables, from frequency distributions to correlation and regression; descriptive methods for time series and index numbers, and probability and its relationship to statistical inference.

Students with credit for STAT 121 cannot take STAT 124 for further credit. CPA credit. (3,1,0)

Prerequisites:
• ABE MATH 011 or Pre-Calculus 11 or Foundations of Mathematics 12 or Principles of Math 11 or Foundations of Mathematics 111 or Applications of Mathematics 111 or ABE IALG 0112 or ABE MATH 0842 or ABE MATH 0852 or Math

Diagnostic Test3 or Admission to any Business program.

1 minimum score of 60 required
2 minimum grade of 60 required
3 minimum score of 16 required

STAT 230-3-4
Elementary Applied Statistics
An introductory course in applied statistics with a focus on life sciences for students with a first-year calculus background. Topics include estimation and testing of hypotheses about population parameters, an introduction to analysis of variance, linear regression, chi-square analysis, and some non-parametric tests. Essential preliminary topics in descriptive statistics and probability are presented as a basis for such procedures. Emphasis includes problem formulation, models, assumptions and interpretation of results. This course is also offered in the Department of Biology as BIOL 202. Students will receive credit for only one of BIOL 202, STAT 230, STAT 121, STAT 124 (4,0,0)

Prerequisites:
• MATH 112

or admission to the Post-Baccalaureate Diploma in Marketing and Data Analytics program (the co-requisite of MATH 122 is not required for students in the Post-Baccalaureate Diploma in Marketing and Data Analytics)

Corequisites:
• MATH 122

STAT 240-3-4
Applied Statistics II
Topics include simple and multiple linear regression, correlation, nonlinear regression, analysis of variance, factorial experiments, nonparametric methods, and basic quality control charts. (3,1,0)

Prerequisites:
• STAT 230

STAT 310-3-3
Regression Analysis
In this course learners study the theory and application of regression analysis, including residual analysis, diagnostics, transformations, model selection and checking, weighted least squares, and nonlinear models. Additional topics may include inverse, robust, ridge and logistic regression. (3,2,0)

Prerequisites:
• STAT 230 and MATH 221

or Admission to the Post Baccalaureate Degree in Marketing and Data Analysis
STAT 311-3-3
Modern Statistical Methods
In this course, learners study hypothesis, testing, bootstrap, jackknife, permutation tests, additive models, robust smoothers, m-estimators, rank-based methods, nonparametric methods, and unsupervised methods. (3,2,0)

Prerequisites:
• MATH 221 and STAT 230 or Admission to the Post Baccalaureate Degree in Marketing and Data Analytics.

STAT 390-3-3
Special Topics in Statistics
This course will focus on advanced or specialized topics in Statistics. Students should consult the department chair for the specific topic to be offered in any given year. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• Permission of Instructor

STAT 490-3-6
Selected Topics in Statistics
This course will focus on advanced or specialized topics in Statistics. Students should consult the department chair for the specific topic to be offered in any given year. With different topics, this course may be taken more than once for credit. (3,3,0)

Prerequisites:
• Permission of Instructor

Staffing Services Clerk

Steel Worker

Studio Woodworking

STWW 101-10 hours
Safe Work Practices
This course introduces students to a variety of shop hazards and to the Worksafe BC and WHMIS regulations.

STWW 102-90 hours
Organizational Skills
This course introduces students to standard drafting practices, layout and quantity calculations, trade communications, and the use of quality standards.

STWW 103-60 hours
Materials
This course introduces students to the structure and properties of wood, species identification, production and grading, panel products, adhesives, fasteners and hardware, specialty materials and materials handling.

STWW 104-90 hours
Hand Tools
This course introduces students to the use and maintenance of hand tools. Topics include tools for measuring, layout, sawing, planing, scraping, edge cutting, boring, fastening, filing, and honing.

STWW 105-90 hours
Portable Power Tools
This course introduces students to the use and maintenance of both electric and air-operated portable power tools. Topics include the following tools: saws, drills, drivers, power planes, routers, spline cutters, Sanders, staplers, and nailers.

STWW 106-214 hours
Woodworking Machines
This course introduces students to stationary woodworking machinery. Topics include the following machines: radial arm saw, tablesaw, jointer, thickness planer, bandsaw, scroll saw, drilling and boring machines, routing machines, sanding machines, edgebanding machines, and lathes. Students will use machinery appropriately to perform initial breakout of solid wood and sheet goods, and detail machining.

STWW 107-150 hours
Assemble Products
This course introduces students to the use of handclamps, preparation for assembly, assembly procedures, and preparation for shipping.

STWW 108-40 hours
Apply a Finish
This course introduces students to prefinishing repairs, abrasives, sanding aids and techniques.

STWW 109-200 hours
Specialty Techniques
This course introduces students to a number of topics beyond the typical level 1 curriculum and will allow students the opportunity to use advanced techniques in their designs. Topics include mortise and tenon machines, shapers, panel saws, creating curved products, CNC equipment, clamping and pressing machines, the layup and use of veneer, and the selection and use of finishing products.

STWW 110-190 hours
Professional Presentation and Portfolio
A brief history of the trade, including design basics,
will be explored in this course. This course is also the integration of all the trade-specific hand skills with a focus toward a professional presentation of the product. Topics to be discussed range from the development of proper shop drawings and estimates to photographing your work to its best advantage. Students will design, construct and present a finished final project for a public showing of the class's work.

STWW 111-6 hours
Final Exam
In this course the student will write the Level 1 Cabinetmaker/Joiner exam.

Travel Counsellor

Teaching English to Speakers of Other Languages

TEOL 100-10 hours
Cross-cultural Communication - Concepts
This course examines the impact of culture on communication and on cross-cultural communication skills. Cultural concepts are studied as they relate to multicultural classroom considerations, teacher-student relations, and other language acquisition.

Only offered by Distance Education

TEOL 101-10 hours
Cross-cultural Communication - Classroom Implications
This course focuses on examining how culture influences both language and non-verbal communication and on building intercultural competence in the classroom.

Only offered by Distance Education

TEOL 102-20 hours
Overview of TESOL
This course designed to introduce students to the concepts of second language acquisition, teaching principles, classroom management, and diversity in learning styles. Attention will also be paid to types of curricula, teaching objectives, and material selection and development.

Only offered by Distance Education

TEOL 103-20 hours
Teaching and Learning
In this course, testing and assessment, textbook selection and lesson planning are covered, including how to write learning outcomes. Suggestions for ongoing professional development are also included.

Only offered by Distance Education

TEOL 104-10 hours
Teaching Listening
This course focuses on teaching theory and methodology used to develop English language students’ listening skills in a second language classroom and it offers practical applications toward improving these skills.

Only offered by Distance Education

TEOL 105-10 hours
Teaching Speaking
The focus of this course is on developing speaking skills, distinguishing between accuracy and fluency, and practicing teaching techniques. Various techniques for fostering motivation, targeting student challenges, and directing student progress in speaking are addressed.

Only offered by Distance Education

TEOL 106-10 hours
Teaching Vocabulary
In this course, students receive training in how to integrate vocabulary into their teaching. Students will be introduced to basic linguistic tools for pedagogical use and will examine various techniques to create engaging and effective activities for teaching vocabulary.

Only offered by Distance Education

TEOL 107-10 hours
Teaching Pronunciation
In this course, current trends in teaching pronunciation are investigated and various pronunciation activities are demonstrated. The sounds of English and intonation patterns are explored and suggestions are made on how to integrate pronunciation into most lessons.

Only offered by Distance Education

TEOL 108-10 hours
Grammatical Concepts
In this course, students will study about the most important concepts of English grammar to apply to English Language Teaching.

Only offered by Distance Education

TEOL 109-10 hours
Teaching Grammar
In this course students receive training in grammar teaching methodology and examine various teaching
techniques to create engaging and effective grammar lessons.

Only offered by Distance Education

**TEOL 110-10 hours**  
**Teaching Reading**  
This course focuses on teaching theory and methodology used to develop students’ reading in a foreign language classroom. It also offers practical application in teaching reading, using various techniques for fostering motivation, targeting student challenges, and directing student’s progress in reading.

Only offered by Distance Education

**TEOL 111-10 hours**  
**Teaching Writing**  
The focus of this course is on developing writing skills and responding to errors in writing. Process writing and genres are included.

Only offered by Distance Education

**TEOL 112-20 hours**  
**Capstone**  
In this course, students will review and reflect on the TESOL course in conjunction with their own teaching and classroom experience. Students will examine an outline-based e-portfolio in order to identify ways to develop their own portfolio. Students will also review their own teaching philosophy and consider practical ways to continue pursuing their own professional development.

Only offered by Distance Education

**Teaching English as a Second Language**

**TESL 114-20 hours**  
**Teaching Pronunciation and Vocabulary**  
In this course, teacher trainees receive training in how to integrate pronunciation and vocabulary skills into their ESL teaching. They will be introduced to basic linguistic tools for pedagogical use and will examine various techniques to create engaging and effective activities in both pronunciation and vocabulary. Current trends in pronunciation and vocabulary instruction will be investigated and teacher trainees will be required to develop two pronunciation activities and a vocabulary activity for use with an existing lesson plan.

**TESL 115-20 hours**  
**Teaching Grammar**  
In this course, teacher trainees receive training in grammar teaching methodology and examine various teaching techniques to create engaging and effective grammar lessons. In addition, teacher trainees review some of the challenging concepts in English grammar and learn effective strategies for teaching these concepts.

**TESL 116-20 hours**  
**Supervised Practicum**  
This course enables teacher trainees to apply their studies of theory and methodology of second-language teaching in an ESL classroom. Teacher trainees will have the opportunity to observe experienced teachers, and reflect on classroom considerations and the needs of various types of ESL students. Teacher trainees will plan and teach observed lessons with subsequent feedback and guidance on their teaching. Prerequisites: TESL 151, TESL 141, and TESL 123 or 132

**TESL 117-20 hours**  
**Project**  
This course is designed to have teacher trainees reflect on their learning and prepare for a career in the field of TESL. Teacher trainees will have the opportunity to investigate and write a response paper regarding one of several inquiries into second language teaching. Teacher trainees will also have the opportunity to create a professional portfolio which contains lesson plans, micro-teaching self-evaluations, and teaching philosophy. Prerequisites: TESL 151, TESL 141, and TESL 123 or 132

**TESL 123-20 hours**  
**Language Skills Development: Reading and Writing**  
This course focuses on teaching theory and methodology used to develop ESL students’ reading and writing skills in a second language classroom. It also offers practical application in teaching these skills, using various techniques for motivation, targeting ESL student challenges, and directing ESL student progress in reading and writing.

**TESL 132-20 hours**  
**Language Skills Development: Speaking and Listening**  
This course focuses on teaching theory and methodology used to develop ESL students’ speaking and listening skills in a second language classroom. It examines the skills needed for oral proficiency and offers practical application toward improving these skills. Various techniques for motivation, targeting student challenges, and directing student progress in speaking and listening are addressed.

**TESL 141-20 hours**  
**Cross-Cultural Communication**  
This interactive course examines the impact of culture
on communication and on cross-cultural communicative skills. Cultural concepts are studied as they relate to multicultural classroom considerations, teacher-student relations, and second language acquisition.

TESL 151-20 hours
Teaching English as a Second Language
This course introduces teacher trainees to the concepts of second language acquisition, teaching principles, classroom management, and diversity in learning styles. Attention will also be paid to types of curricula; teaching objectives; and material selection and development.

Therapist Assistant

THER 102-3-3
Communication and Group Process
This course will introduce the fundamentals of interpersonal communication, group dynamics and group leadership skills. Key concepts such as active listening, verbal and non-verbal communication strategies, conflict management and resolution and managing group processes will be addressed. (3,0,0)

Prerequisites:
- admission to the Therapist Assistant program or
  by permission of the department

THER 103-3-3
Disease and Disability
This course is an overview to the mechanism of common physical diseases and disabilities across the lifespan. The student will acquire skills in gathering and organizing relevant medical and clinical information on selected conditions. Medical management strategies and the impact on the individual will be considered. Relevant medical terminology will be included and discussed. (3,0,0)

Prerequisites:
- admission to the Therapist Assistant program

Also offered by Distance Education

THER 104-3-5
Client Care Principles & Practice: Introductory
This course introduces the principles of professional practice skills including effective communication (written and oral), the establishment of the therapeutic relationship, critical thinking, professional responsibility and accountability. Client care skills including principles of safety, medical asepsis, client positioning, transfers, basic mobility, dressing, feeding and swallowing, bathing, and managing elimination are introduced through lab demonstration and practice. (2,3,0)

Prerequisites:
- THER 102
- THER 103
- THER 140
- BIOL 131¹
- PSYC 111¹
- 3 credits ENGL 100,150,153,154

¹ minimum grade of 50 required

THER 120-3-5
Occupational Therapist Assistant: Principles & Practice I
This course is an introduction to Occupational Therapy theory and practice and the role of the assistant. Knowledge and skills will be applied to the role of the Occupational Therapist and Assistant (OTA) in the practice areas of geriatrics, orthopedics and with the medically complex client. This course has a lab component where skills will be demonstrated and practiced. (3,2,0)

Prerequisites:
- THER 102
- THER 103
- THER 140
- BIOL 131¹
- PSYC 111¹
- 3 credits ENGL 100,150,153,154

¹ minimum grade of 50 required

THER 125-1-1
Practicum Preparation
This course will prepare the student for success in first year practicum placements. The student will explore different practice settings in the disciplines of Occupational Therapy, Physiotherapy and Recreation Therapy through research, observations and site visits. The students will share clinical experiences to expand their knowledge of practicum sites. The students will be prepared for their performance expectations in their placements. (0,1,0)

Prerequisites:
- THER 102
- THER 103
- THER 140
- BIOL 131¹
- PSYC 111¹
- 3 credits ENGL 100,150,153,154

¹ minimum grade of 50 required

THER 130-3-5
Physical Therapist Assistant: Principles &
**Practice I**

This course is an introduction to Physical Therapy theory and practice. Knowledge and skills will be applied to the role of the Physical Therapist and Assistant (PTA) in the practice areas of the older adult, orthopedics and the medically-complex client. This course has a lab component. (3,2,0)

Prerequisites:
- THER 102
- THER 103
- THER 140
- BIOL 131\(^1\)
- PSYC 111\(^1\)
- 3 credits ENGL 100,150,153,154

\(^1\) minimum grade of 50 required

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**THER 150-3-36**

**Practicum I: Recreation Therapist Assistant**

In this three-week practicum learners provide direct and indirect treatment programs under the supervision of a Recreation Therapist (RT). Using a partnership model (student, site and Therapist Assistant program), learners apply the knowledge, skills and professional behaviours learned through classroom instruction to the role of the Recreation Therapist Assistant (RTA). (0,36,0)

Prerequisites:
- THER 104
- THER 120
- THER 125
- THER 130
- THER 141
- BIOL 133\(^1\)
- PSYC 121\(^1\)

\(^1\) minimum grade of 50 required

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**THER 140-3-5**

**Recreation Therapy Assistant: Principles & Practice I**

This course is an introduction to the basic principles, purpose, and practice of leisure activity. Leisure's contribution to quality of life and the role of the Recreation Therapist and the Therapist Assistant (RTA) in facilitating leisure activities in the areas of gerontology and neurology will be explored. Case-based scenarios will be used to enhance the learning process. (3,2,0)

Prerequisites:
- admission to the Therapist Assistant program or by permission of the department

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**THER 141-3-5**

**Recreation Therapist Assistant II: Principles & Practice**

Theory and Skills learned in THER 140 and other foundational courses are applied to recreation intervention strategies in the practice areas of pediatrics, mental health, developmental disability, and the community. Case-based scenarios will be used to enhance learning in these areas. Therapeutic activities will be implemented in a variety of clinical settings offering Recreational Therapy programs. (3,2,0)

Prerequisites:
- THER 102
- THER 103
- THER 140
- BIOL 131\(^1\)
- PSYC 111\(^1\)
- 3 credits ENGL 100,150,153,154

\(^1\) minimum grade of 50 required

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**THER 151-3-36**

**Practicum II: OTA and/or PTA Placement**

In this five-week practicum learners provide direct and indirect treatment programs under the supervision of an: Occupational Therapist (OT) or a Physical Therapist (PT). Using a partnership model (student, site and Therapist Assistant program), learners apply the knowledge, skills and professional behaviors learned through classroom instruction to the role of the Therapist Assistant (OTA/PTA). (0,36,0)

Prerequisites:
- THER 150\(^1\)

\(^1\) minimum grade of P required

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**THER 201-3-6**

**Gross Anatomy & Kinesiology**

This lecture- and lab-based course is designed to examine the musculoskeletal system and how it interfaces with the neuromuscular and vascular systems in the human body. Surface anatomy and kinesiology of the musculoskeletal system is explored for each quadrant of the body. (3,3,0)

Prerequisites:
- THER 151

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**THER 203-3-3**

**Psychiatry & Mental Health**

This course examines social, emotional and cognitive development over the lifespan; psychiatric classifications and common psychiatric illnesses; and cognitive disorders in psychogeriatrics. Conditions will be examined from a perspective of effect on
occupational function. Models of intervention from acute care to the community and the roles of the multidisciplinary team in mental health will be discussed. (3,0,0)

Prerequisites:
- THER 151

THER 204-3-5
Client Care Principles & Practice: Advanced
This course will examine health care and social service systems from a variety of perspectives, including future directions, trends, ethical and professional issues. Advanced client care skills including managing the challenging client, applied principles of pharmacology, pain management, and the care needs of the complex and medically fragile client will be covered. (2,3,0)

Prerequisites:
- THER 151

THER 205-3-4
Therapeutic Modalities
This lecture- and lab-based course is designed to introduce electrical, thermal and mechanical therapeutic modalities for treatment. The lecture will discuss theories and how these modalities work, their limitations and contraindications. The lab section will give the student the opportunity to apply the modalities safely and to learn how to maintain them. Case studies will be used to facilitate learning. (2,2,0)

Prerequisites:
- THER 201
- THER 203
- THER 204
- THER 220
- THER 230

THER 215-3-3
Professional Practice
This course prepares the student for professional practice as a Therapist Assistant. Emphasis will be on clinically focused communication with the client and the health care team, and will include charting and documentation, supervisory skills, advocacy, and promotion of the profession. Clinical simulations will enhance learning in these areas. Outcomes are based on national competency guidelines for Therapist Assistants. (3,0,0)

Prerequisites:
- THER 201
- THER 203
- THER 204
- THER 220
- THER 230

- THER 230

THER 220-3-6
Occupational Therapist Assistant: Principles & Practice II
Theory and skills learned in THER 120 and other foundational courses will be applied to the areas of Rheumatology, Plastics and Neurology. The student will learn occupational therapy treatment approaches and skills applicable to these practice areas and the role of the Occupational Therapist Assistant (OTA) through the acute, transition and community re-integration phases. (3,3,0)

Prerequisites:
- THER 151

THER 221-3-6
Occupational Therapist Assistant: Principles & Practice III
This course is an application of theory and skills learned in THER 120 and THER 220 and other foundational courses to the areas of community, mental health and pediatrics. The student will learn treatment approaches and skills applicable to these areas and the role of the Occupational Therapist Assistant (OTA) in the various environments of practice. Case-based learning opportunities, guest speakers, and visits to clinical sites in the community will be incorporated into the learning experience. (3,3,0)

Prerequisites:
- THER 201
- THER 203
- THER 204
- THER 220
- THER 230

THER 230-3-6
Physical Therapist Assistant: Principles & Practice II
This course is an application of theory and skills learned in THER 130 and other foundational courses to the areas of orthopedics, rheumatology and neurology. The student will learn treatment approaches and skills applicable to these areas and the role of the assistant. Learning opportunities will include case studies, guest speakers and visits to clinical settings. This course has a lab component. (3,3,0)

Prerequisites:
- THER 151

THER 231-3-6
Physical Therapist Assistant: Principles & Practice III
This course is an application of theory and skills learned in THER 130 and other foundational courses to the areas of cardiorespiratory, pediatrics and specialized areas of care. The student will learn treatment approaches and skills applicable to these areas and the role of the assistant. Learning opportunities will include case studies, guest speakers and visits to clinical settings. This course has a lab component. (3,3,0)

**Prerequisites:**
- THER 201
- THER 203
- THER 204
- THER 220
- THER 230

**THER 250-3-36**  
**Preceptorship I: Occupational or Physical Therapist Assistant**  
This advanced five-week placement is either an Occupational Therapist Assistant (OTA) or Physical Therapist Assistant (PTA) experience. Learners provide direct and indirect treatment programs under the supervision of an Occupational Therapist (OT) or a Physical Therapist (PT). Using a partnership model (student, site and Therapist Assistant Diploma program), learners apply the knowledge, skills and professional behaviours developed during class instruction. (0,36,0)

**Prerequisites:**
- THER 205
- THER 231
- THER 221
- THER 215
- THER 260
- all Therapist Assistant program course work

**THER 260-3-3**  
**Capstone Project**  
The student will integrate their academic learning, practicum experience and awareness of the rehabilitation needs of the community into a capstone project. The student will: identify a specific need, research relevant information, and provide a product, service or presentation. The capstone project will encourage innovation, self-directed learning, and cooperation. The intent of the capstone project is to provide a practical contribution to the health care community. (0,3,0)

**Corequisites:**
- THER 205
- THER 215
- THER 221
- THER 231

**Tourism Management**

**TOUR 101-0**  
**Co-op Tourism Management Work Term**

**TOUR 105-3-3**  
**Introduction to Tourism**  
This course provides students with an understanding of the complex nature of tourism including economic, environmental social impacts. Topics include: components of the tourism industry; linkages between tourism and hospitality; the size, scope and infrastructure of the tourism industry; trends and issues in the industry; travel motivators career opportunities and the role of management. This course is also offered as BUAD 115. Students with credit for BUAD 206 cannot take TOUR 105 or BUAD 115 for additional credit. (3,0,0)

**TOUR 115-3-3**  
**Accounting for Tourism**  
This course introduces the role of financial and managerial accounting information in business and tourism. Topics include: financial statements, accrual accounting, fraud, inventory, budget analysis and planning, managerial accounting and inventory will be analyzed within the context of tourism businesses. (3,0,0)

**TOUR 130-3-3**  
**Tourism Marketing**  
This course introduces students to the principles and practices of marketing and how they can be applied to the tourism context. Tourism marketing processes are considered from supply and demand perspectives. Topics include identifying needs, monitoring changes in the environment, managing services and tourism products, distribution, promotion, people, and pricing.
Students with credit for BUAD 116 cannot take TOUR 130 for additional credit. (3,0,0)

TOUR 200-6-6
Tourism Sector Study
The tourism sector study course integrates academic learning with real work tourism sector experiences. Students will propose and execute a structured tourism study plan. These tourism sector studies provide the medium to explore, analyze, and integrate their prior learning with sector experiences related to the role and influence of business practices. Students will demonstrate their understanding of the principles and practices required to support the success and sustainability of business in the tourism sector. (0,6,0)

Prerequisites:
- BUAD 123
- CMNS 112
- TOUR 105 or BUAD 115 or BUAD 206 Second year standing.

TOUR 209-3-4
Tourism Law
This course provides an overview of the law as it relates to the tourism and hospitality industry, including an examination of the fundamentals of tort law, contract law and special types of contracts commonly encountered by tourism professionals. A basic understanding of the law of torts and contacts will assist students to recognize and resolve simple legal problems of tourism business. Students with credit for BUAD 209 cannot take TOUR 209 for additional credit. (4,0,0)

Prerequisites:
- BUAD 123
- Second-year standing
  or admission to the Culinary Management Diploma.

TOUR 215-3-3
Restaurant Management
This course provides a broad understanding of management theory and practice in the restaurant industry. The course covers aspects of restaurant marketing, service delivery, menu design and engineering, site selection, and facility design. The course introduces students to the concepts and practices related to cost controls from purchasing to sales. This course is also offered as BUAD 215. Students with credit in BUAD 207, BUAD 218, BUAD 215 cannot take TOUR 215 for additional credit. (3,0,0)

Corequisites:
- BUAD 111

TOUR 220-3-3
Hotel Management
This course presents an overview of the operation and management of a hotel property. Topics include: travel patterns affecting the industry; types of lodgings; functions and practices of the key department; and management issues specific to hotels including guest safety and security. Current trends in guest services amenities are examined. The principles of front desk management are covered including the reservations process, hotel revenue cycle, establishing room rates, preparation of the night audit and the use of technology in Property Management Systems. This course is also offered as BUAD 220. Students with credit in BUAD 220 cannot take TOUR 220 for additional credit. (3,0,0)

TOUR 225-3-3
Emerging Trends in Destination Management
This course explores current and emerging trends in the global tourism and hospitality sector with an emphasis on the challenges facing destination management organizations (DMOs). Specifically, the course will address current and emerging topics including functional structures and processes, the role of intermediaries, destination evaluation, the role of assets such as cultural and natural destinations, and the impact of overtourism, sustainability and authenticity. (3,0,0)

Prerequisites:
- TOUR 105 or BUAD 115 or BUAD 206

TOUR 230-3-3
Wine and Culinary Tourism
This course provides learners with an understanding of wine and culinary tourism and its relationship to the tourism sector overall. Through experiential learning opportunities such as field trips, visits from local providers, and assignments linked to real situations, students engage with wine, food, and culture, both regionally and globally. Students gain awareness of how wine and culinary tourism impacts tourism destinations, from supply chain management to product development. This course is also offered as BUAD 230. Students with credit in BUAD 230 cannot take TOUR 230 for additional credit. (3,0,0)

TOUR 235-3-3
Rural and Agri-Tourism Development
This course examines tourism in diverse rural environments with a particular focus on agri-tourism as a niche tourism product/experience which links rural and urban food systems. The social, cultural, environmental and economic aspects of rural tourism development are discussed. Regional, national, and international case studies are used to investigate the unique characteristics of agri-tourism and its contributions to sustainability. (3,0,0)
Prerequisites:
- TOUR 105 or BUAD 115 or BUAD 206

TOUR 240-3-3
Service Design for Tourism
Students learn strategies of marketing intangible service offerings in the tourism and hospitality sectors. Emphasis will be placed on designing and delivering services that manage the gap between tourist expectations and perceived service quality. Students will engage in understanding tourist expectations, designing services, training, delivering, and communicating appropriate expectations. (3,0,0)

Prerequisites:
- TOUR 130 or BUAD 116

TOUR 245-3-3
Tourism for SME
The course introduces students to the specific challenges and opportunities that impact Small and Medium sized Tourism Enterprises. Using case studies and real life examples in class, students will experience what it is like to react quickly and prepare for the future in a fast paced business environment. (3,0)

Prerequisites:
- BUAD 123
- TOUR 130
- TOUR 115

TOUR 250-3-3
Eco & Adventure Tourism
This course is designed to introduce students to the application of risk management, sustainability, and business principles and practices in the context of eco and adventure tourism businesses. Factors that make adventure and eco businesses different from typical businesses are explored. Environmental stewardship and sustainable tourism best practices will be applied in the analysis of eco & adventure tourism businesses and risk management planning. (3,0,0)

Prerequisites:
- TOUR 105
- TOUR 130
- BUAD 123
- TOUR 115
- and 2nd year standing.

Corequisites:
- TOUR 209

TOUR 299-3-3
Conventions Management
This course focuses on the conventions, meeting and trade show industry. Topics include: the size and scope of the industry, industry trends, the characteristics of the corporate, association and other market segments, and preparation of a marketing plan. How to plan, organize, direct and control the key aspects of a successful convention will also be covered. This course is also offered as BUAD 299. Students with credit in BUAD 299 cannot take TOUR 299 for additional credit. (3,0,0)

Trades Technology Teacher Education

TTTE 112-3-3
Drafting and Design
This course is an introduction to the fundamentals of drafting, graphical communications and design using manual and computer aided drafting (CAD) tools. Learners focus on using CAD to generate 3-dimensional models and also gain experience generating 2-dimensional drawings. Learners analyze technical aspects of drafting such as scale, dimensions, tolerance, and projections. (3,0,0)

Only offered by Distance Education

TTTE 119-3-3
Learning for Success
In this course, learners develop skills to help with their success in an academic program as well as help them become lifelong learners. Learners discover and practice skills for self-management, studying, self-reflection, communication, and information literacy. By relating these skills to their courses and to their life, learners develop the ability to address any learning topic in formal and informal settings. (3,0,0)

Also offered by Distance Education

TTTE 121-3-3
Math for TTTE
This course is an introduction to the general mathematical concepts and calculations commonly used in trades and technologies. Learners practice solving practical problems by applying concepts of simple physics combined with various mathematical competencies, and as: arithmetic with whole numbers, fractions, and decimals; geometry, trigonometry, and vectors; elementary algebra, and measurement systems. (3,0,0)

TTTE 125-3-3
Pedagogy of Trades I
This course is an introduction to four topics common to educational shop settings: health and safety, tools of the trades, metalworking, and woodworking. Learners will identify, describe, and select specified materials, components, tools, applications, and
processes integral to the four topics covered in the course. Identifying safe work practices for shop environments is emphasized. (3,0,0)

Prerequisites:
• TTTE 112
• TTTE 119
• CMNS 130

Also offered by Distance Education

TTTE 127-3-3
Pedagogy for Trades II
This course is an introduction to three topics common to educational shop settings: power technology, automotive technology, and heavy mechanical trades. Learners identify, describe, and select specified materials, components, tools, applications, and processes integral to the three topics covered in the course. Identifying safe work practices for shop environments is emphasized. (3,0,0)

Prerequisites:
• TTTE 112
• TTTE 119
• CMNS 130

TTTE 210-4-40
Applied Pedagogy for Trades
This course provides TTTE students with practical (hands-on) opportunities to apply what they learned while in TTTE 125 and 127. Materials and tools will need to be correctly identified and utilized, and processes will need to be properly performed in order to complete coursework and projects. Particular emphasis will be placed on promoting and demonstrating safe work practices. (0,40,0)

Prerequisites:
• TTTE 121
• TTTE 125
• TTTE 127

TTTE 213-3-3
Introduction to Electronic Technology
This course is an introduction to electrical and electronic circuits. Learners use electrical and electronic circuit theory to analyze, design, build and troubleshoot electrical circuits and electronic systems. These systems include analog systems, digital systems and microcontrollers. Hands-on aspects of circuit design and troubleshooting tie together theory and practice. (3,0,0)

Prerequisites:
• CMNS 130
• TTTE 119
• TTTE 121

Also offered by Distance Education

TTTE 218-3-3
Making Robots
In this course, learners design, build, and program simple robots. Learners program microcontrollers for robots, design and use sensor sensors and motor controllers, use communications protocols, and select appropriate power sources for their robots. Learners also apply the concepts of building a robot powertrain. Finally, learners build, test and troubleshoot their own robots. (3,0,0)

Prerequisites:
• TTTE 213

Also offered by Distance Education

TTTE 230-3-40
Applied Pedagogy for Technologies
In this course, learners apply knowledge and skills learned during TTTE 215 and TTTE 218 in an electronics/robotics lab. Learners follow safe lab practices while developing the skills necessary to create an electronics/robotics prototype. The course culminates with a presentation of a final project along with the learnerâ€™s portfolio that was developed over the TTTE program. (0,40,0)

Prerequisites:
• TTTE 218

Vehicle Detailer

Viticulture

VIT 04-27 hours
Operation, Management and Safety of Vineyard Equipment
Participants will be introduced to the machinery and equipment used in the vineyard. Safety in handling equipment will be explored. The opportunity for certification in WHMIS and Transportation of Dangerous Goods (TDG) will be included in this section.

VIT 13-40 hours
Practicum
Orientation to, and practical experience in, a vineyard.

VIT 22-72 hours
Introduction to Grape Growing
This course will focus on the following fundamental areas of grapevine biology: taxonomy, nomenclature
and grapevine species; cultivars; clones; vine growth and development; physiology of the grape plant; vine propagation; pests; and soil chemistry.

VIT 23-123 hours
**Vineyard Management**
All aspects of the day-to-day activities and decisions involved in the growing of grapes will be observed and practised. Topics such as the choice of a trellis system, the purpose and objectives of pruning, soil and irrigation management, nutrient requirements and pest control, canopy management, human resource management, and financial considerations will be examined in depth.

**Viticulture Diploma**

**VITT 125-3-6**
**Introduction to Viticulture and Wine**
This course introduces the basic concepts of grape growing and winemaking. Seasonal vineyard practices, major grape cultivars, and basic wine making technologies are introduced. A general overview of the Canadian and international grape and wine industry is presented. This course includes a tasting lab component where varietal wines and wine styles from Canada and other major grape growing areas around the world are introduced. Basic wine appreciation concepts are discussed. (3,3,0)

**VITT 130-3-3**
**Introduction to Viticulture**
Current Practices relating to the planting of a commercial vineyard and the maintenance of its productivity through seasonal operations will be introduced. The topics include major types of grapevines and varieties used for wine grape production, principles of grapevine propagation, planting of grapevines, training, trellising and seasonal vineyard practices. (3,0,0)

**VITT 135-3-6**
**Grapevine Science**
This course introduces the anatomy, morphology, and physiology of the grapevine species, cultivars, rootstocks, and clones. Additional topics covered include: the primary and secondary metabolites involved in fruit quality, the annual growth cycle, phenological phases, the process of berry ripening, and cold hardiness of grapevines. Ampelographic techniques used in grapevine identification will be introduced. In addition, the effect of terroir (external factors) on plant grapevine physiology and grape quality as well as propagation techniques and technologies will be discussed. (3,3,0)

**Prerequisites:**
- VITT 125

**VITT 140-3-6**
**Vineyard and Canopy Establishment**
This course focuses on the decision making factors involved within a commercial vineyard establishment. Principles of propagation are introduced and various techniques are demonstrated. Topics such as current design, trellis, material calculation, and training system practices related to the planting and maintenance of commercial vineyards are discussed. Canopy management techniques such as pruning, shoot thinning, shoot positioning, leaf removal, and crop thinning are discussed and demonstrated. (3,3,0)

**Prerequisites:**
- VITT 125

**VITT 150-3-6**
**Integrated Pest Management**
This course introduces the concept of integrated pest management (IPM). Different groups of pests affecting vineyard production including insects, acarids, nematodes, plant pathogens, vertebrate pests, weeks, and abiotic stresses are discussed. The concepts of thresholds, pesticide activity, resistance management, disease cycles, environmental impacts, applications technology, and organic production methods are introduced. Strategies associated with the management of complex pest control issues and the subsequent actions required to address the vineyard health are reviewed. (3,3,0)

**Prerequisites:**
- VITT 135

**VITT 160-3-6**
**Irrigation Technology and Water Management**
This course introduces the requirements, construction, installation, inspection, maintenance, and repair of irrigation systems. Different soil and plant water status parameters will be explored. The effect of drought on vine physiology, fruit quality, and water efficiency will be presented. Sustainability concepts will be discussed, and the various organizations involved in water management will be introduced. (3,3,0)

**Prerequisites:**
- VITT 170

**VITT 170-3-6**
**Vineyard Technologies and Operations**
This course provides an overview of vineyard operations. The principles and practices involved in vineyard operation for commercial grape growing including safety practices, tools, equipment, and machinery are reviewed theoretically and demonstrated. BC safety legislation as well as provincial and regional safety organizations are
introduced. Spraying certification and new vineyard technologies are explored. (3,3,0)

Prerequisites:
• VITT 125

VITT 200-0
VITT Co-op Work Term

Prerequisites:
• VITT 170

VITT 210-3-6
Soil Management and Plant Nutrition
This course introduces sustainable management practices that relate to soil health including the principles of soil structure, soil chemistry, organic matter management, and vine nutrition management. Erosion prevention strategies and the implementation of a soil management program are presented. Drainage design principles are reviewed as well as the relationship between soil fertility and fruit quality. Soil and tissue mineral lab data are interpreted. In addition, nutrition management plans for organic and conventional vineyards are discussed. (3,3,0)

Prerequisites:
• VITT 135

VITT 220-3-6
Grape Harvest Sensory Principles
This course provides a theoretical foundation of harvest and sensory principles for viticulture. Sampling grapes for maturity, harvest techniques, and harvest operations and equipment are covered. Wine appreciation as well as quantitative and qualitative wine assessment concepts are introduced. Different wine styles and methods to distinguish primary, secondary, and tertiary aromas are reviewed and experienced. BC wine varietals are examined to understand the terroir concept. Wine faults are explained along with the relationship between sensory characteristics and viticulture practices. (3,3,0)

Prerequisites:
• VITT 125

VITT 250-3-6
Vineyard Management
This course examines daily commercial vineyard operations. Risk and asset management, vineyard development planning, and seasonal operations including appropriate measurements to ensure vineyard health are examined. The management of insects, weeds, diseases, and pests are reviewed as well as green initiatives and sustainable farming practices. Yield forecasting methods and new and emerging technologies used to improve viticulture management are also discussed. (3,3,0)

Prerequisites:
• VITT 140
• VITT 150
• VITT 160

VITT 270-3-3
Research Methods in Viticulture
This course provides a culminating experience for learners and is designed to integrate the knowledge and skills from the Viticulture Technician Diploma program. Peer-reviewed research papers relevant to the BC wine industry are critically evaluated. The most current issues, possible solutions, research trends, the norms of the disciplines studied, and the meaning of professional viticulture practices are discussed. (3,0,0)

Prerequisites:
• VITT 210

Corequisites:
• VITT 250

Welder Foundation

WDFD 100-59 hours
Line A Occupational Skills
This course introduces students to occupational skills in the welding industry.

WDFD 101-50 hours
Line B Cutting and Gouging Processes
This course introduces students to the operation and application of the oxy-fuel, plasma arc and carbon arc cutting and gouging processes.

WDFD 102-25 hours
Line C Fusion and Braze Welding (TB) using the Oxy-Fuel Process
This course introduces students to oxy-fuel fusion and braze welding.

WDFD 103-353 hours
Line D Shielded Metal Arc Welding (SMAW)
This course introduces students to shielded metal arc welding (SMAW). Stick Welding.

WDFD 104-252 hours
Line E Semi-Automatic and Automatic Welding
This course introduces students to gas metal arc welding (GMAW), gas metal pulsed arc welding (GMAW-P), flux core arc welding (FCAW), metal core arc welding (MCAW), and submerged arc welding (SAW). Wire-feed welding.
WDFD 105-34 hours  
Line F Gas Tungsten Arc Welding (GTAW)  
This course introduces students to gas tungsten arc welding (GTAW). TIG welding.

WDFD 107-8 hours  
Line H Basic Metallurgy  
This course introduces students to the identification of the properties of ferrous and non-ferrous metals.

WDFD 108-59 hours  
Line I Weld Drawings, Layout and Fabrication  
This course introduces students to reading and sketching blueprints.

Welding

WELD 100A-30 hours  
TH: Safety (P1)  

WELD 100B  
PR: Safety (P1)  

WELD 101A-45 hours  
TH: Oxy Fuel Cutting (P2)  

WELD 101B  
PR: Oxy Fuel Cutting (P2)  

WELD 102A-75 hours  
TH: Oxy-Acet Weld/Brazing (P3)  

WELD 102B  
PR: Oxy-Acet Weld/Brazing (P3)  

WELD 103A-360 hours  
TH: Shielded Metal Arc Weld (P4)  

WELD 103B  
PR: Shielded Metal Arc Weld (P4)  

WELD 104A-30 hours  
TH: Air Carbon Arc Cutting (P5)  

WELD 104B  
PR: Air Carbon Arc Cutting (P5)  

WELD 105A-100 hours  
TH: Gas Metal Arc Welding (P6)  

WELD 105B  
PR: Gas Metal Arc Welding (P6)  

WELD 106A-100 hours  
TH: Flux Cored Arc Welding (P6)  

WELD 106B  
PR: Flux Cored Arc Welding (P6)  

WELD 107-30 hours  
RK-1 Material Handling  
The student will be required to tie knots, bends and hitches.

WELD 108-40 hours  
RK-2 Blueprint Reading I  
This course introduces the student to the use of alphabet of lines, the principles of orthographic projection, principles of scale drawings and sectioning. Students will be shown how to make three-view sketches of simple objects to the required scale.

WELD 109-30 hours  
RK-3 Metallurgy I  
The course introduces students to the terms ferrous and nonferrous. The course also describes tensile strength, elasticity, elongation, yield strength and ultimate tensile strength, ductility and malleability, brittleness, physical properties of metals and corrosion resistance. The course defines brittleness, impact, compression and fatigue strength and hardness.

WELD 200A-240 hours  
TH: Shielded Metal Arc Weld (P7)  

WELD 200B  
PR: Shielded Metal Arc Weld (P7)  

WELD 201A-25 hours  
TH: Gas Metal Arc Welding (P8)  

WELD 201B  
PR: Gas Metal Arc Welding (P8)  

WELD 202A-25 hours  
TH: Fluxed Core Arc Welding (P9)  

WELD 202B  
PR: Fluxed Core Arc Welding (P9)  

WELD 203A-90 hours  
TH: Gas Tungsten Arc Weld (P10)  

WELD 203B  
PR: Gas Tungsten Arc Weld (P10)  

WELD 204-25 hours  
RK-4 Weld Quality Control and Inspection Procedures
WELD 205-25 hours
RK-5 Welding Codes, Standards and Specifications

WELD 206-25 hours
RK-6 Blueprint Reading II

WELD 207-25 hours
RK-7 Welding Metallurgy II

WELD 300A-120 hours
TH:Shield Metal Arc Weld (P11)

WELD 300B
PR:Shield Metal Arc Weld (P11)

WELD 301A-80 hours
TH:Gas Tungsten Arc Weld (P12)

WELD 301B
PR:Gas Tungsten Arc Weld (P12)

WELD 302-20 hours
RK-8 Welding Metallurgy III

WELD 303-20 hours
RK-9 Blueprint Reading III

Water Engineering Technology

Prerequisites may be waived by the Water Engineering Technology department. See prerequisite waiver.

WET 100-1-30
Surveying
An introductory one-week course on basic surveying principles to include types of survey equipment, equipment use, equipment care and maintenance, level and transit loops, loop adjustment, basic computations and record keeping, and selected construction layout exercises. (0,30,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 111-3-4
Applied Hydrology
This course introduces the basic of hydrology including the examination of the components of the hydrological cycle and their interaction with other elements of the physical environment and with human activities. Applied aspects of hydrology such as stream gauging, storm water runoff prediction, municipal flow control structures, water sample collection, measurement instrumentation, and land use activities that affect the storage, movement and quality of water resources will also be discussed. The acquisition, analysis and interpretation of hydrologic data also are emphasized. (2,2,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 112-3-4
Water Quality and Treatment Processes
This course provides essential theory and understanding of treatment methods that will be applied to water, wastewater and solids residuals in further courses. Methods of water treatment are examined, including physical, chemical and biological operations and processes, as well as the nature of water and its contaminants. (2,2,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 115-3-4
Basic Instrumentation
This course provides an introduction to applied physics as a foundation to instrumentation. Topics include mass, force, velocity, acceleration, volume, weight, density, viscosity, heat, electricity, Newton's laws, friction, energy, work, power, thermodynamics and statics, hydraulics and pressure. (2,2,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 120-1-30
Chlorine Handling and Disinfection Technologies
This one week course will cover the areas of safe handling of chlorine and chlorine compounds, plus hypo-chlorination and gas chlorination as means of disinfection. Topics include: the Transportation of Dangerous Goods Act; properties of chlorine, safety and emergency procedures. Hypo-chlorination and gas chlorination equipment, equipment maintenance and troubleshooting are emphasized. (0,30,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 121-3-4
Introduction to Water and Wastewater Management
This course provides an overview of water and wastewater quality management issues and treatment processes. Quality characteristics and criteria for
various water sources and uses, as well as wastewater, are studied along with an overview of treatment processes and approaches for both water and wastewater treatment. (2,2,0)

Prerequisites:
• WET 112
• admission to the Water Engineering Technology program

WET 122-3-4
Water Distribution and Wastewater Collection I
This course provides an introduction to various hydraulic concepts with emphasis on understanding the hydraulic operation of municipal water distribution systems and wastewater collection systems. Practical applications of hydraulic theory will be emphasized and tied into municipal bylaw requirements and engineering standards for these systems. (2,2,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 123-3-4
Instrumentation
This course provides a survey of the instrumentation used for pressure, temperature, level, flow and chemical analysis. Particular emphasis is on the maintenance and calibration of transmitters and sensing elements for dissolved oxygen, conductivity, pH and turbidity analysis. (2,2,0)

Prerequisites:
• WET 115 or WQT 115

WET 125-3-4
Operations, Planning and Maintenance for WET
This course provides an introduction to a variety of topics in operations, planning and maintenance in the Water Engineering Technology field. The course focuses on the planning, supervision and implementation of maintenance schedules including safety standards and standard operating procedures. Hands on skills such as blueprint reading and troubleshooting common water engineering equipment are also covered. (2,2,0)

Prerequisites:
• admission to the Water Engineering Technology program

WET 201-3-5
Applied Hydrogeology
This course covers the fundamentals of hydrogeology with a focus on groundwater flow, surface water interactions, well hydraulics and well construction. Students will also explore relevant groundwater legislation and data acquisition from government information sources. Emphasis will be placed on field work including surveying, well monitoring, groundwater sampling and hydraulic conductivity testing. (2,3,0)

Prerequisites:
• WQT 111 or WET 111

WET 202-3-4
Wet Capstone Project
This capstone course introduces students to project management and includes a supervised project on an advanced topic related to Water Engineering Technology (WET). This course provides the student with a general background in project management and an opportunity to apply their technical, creative, communication and teamwork skills to significant projects. It includes research, problem analysis, project comparisons and solutions, proposal and report writing and technical presentations. (2,2,0)

Prerequisites:
• Successful completion of 38 credits in the WET program.

Concurrent Registration: WET 225

WET 211-3-4
Wastewater Treatment
The course reviews conventional treatment of municipal wastewater. Students investigate primary and secondary/biological treatment principles and processes. Management of municipal wastewater treatment sludge and disinfection of municipal effluents are also covered. This course prepares students for advanced wastewater treatment processes, including industrial wastewater, in further treatment courses. (2,2,0)

Prerequisites:
• WQT 121 or WET 121

WET 214-3-4
Water Treatment
This course is a continuation of WET 121 focusing on the theory, design, and operations of water treatment plants and processes and how they meet the standards required for drinking water and industrial water treatment. Present practices and future trends in control and monitoring water distribution systems and treatment plants are included. Water supply assessment relative to various standards and legislative requirements are also explored. (2,2,0)

Prerequisites:
• WET 121 or WQT 121
WET 215-3-4  
**Applied Process Analysis for WET**  
This course provides an introduction to a variety of topics in process analysis for the Water Engineering Technology field, with emphasis on the application of Proportional, Integral and Differential control, rates of change of water fill/flow, and analysis of the Area/Volume of watersheds, vessels and pipes, data logging and analysis. (2,2,0)  

**Prerequisites:**  
- MATH 128; and WET 115  
or WQT 115

WET 219-2-2  
**Applied Water Law**  
This course reviews water related acts and regulations with a focus on applying these laws to common water related industry activities. As part of this, permit applications, environmental monitoring standards and permitted tolerance levels, regulatory agencies, inter-agency relationships and jurisdictions are explored. The topics also include an overview of liability and ethics with emphasis on the responsibility of the water engineering technologist. (2,0,0)  

**Prerequisites:**  
- 36 credits in WET Program

WET 222-3-4  
**Water Distribution and Wastewater Collection II**  
A continuation of WET 122 the physics behind the operation of water distribution and wastewater collections systems will be explored with a focus on hydraulic modeling of pressure and open channel flow settings. Practical applications of hydraulic theory will be emphasized and applied to pipes, pumps, valves, flow measurement devices and related water system component. (2,2,0)  

**Prerequisites:**  
- WQT 122 or WET 122

WET 225-3-4  
**Computer Applications for WET**  
This course covers computer aided drafting and design, geographic information systems and project scheduling software. (2,2,0)  

**Prerequisites:**  
- Successful completion of 38 credits in the WET program.

**Concurrent Registration:** WET 202

WET 226-3-4  
**Advanced Treatment Technologies**  
This course reviews advanced treatment technologies with emphasis on enhanced solids and nutrient removal, pathogens, anaerobic and alternate processes, and industrial wastewater treatment technologies. Landfill leachate collection and treatment is covered, along with wastewater recycling and reuse. (2,2,0)  

**Prerequisites:**  
- WET 211 or WET 214

WET 227-3-4  
**Process Control for WET**  
This course focuses on building an understanding of measurement and control in industrial processes, and includes an introduction to a variety of topics in control theory, including discrete control, analog control, PCL technology, valves and VFDs. (2,2,0)  

**Prerequisites:**  
- WET 123

**Winery Assistant**

WINE 14-50 hours  
**Practicum**  
The practicum provides the student with an opportunity to integrate theory into practice at one of several accredited practicum sites. During this hands-on experience, students gain further insights, awareness and knowledge of the workplace.  

**Prerequisites:**  
- Can start practicum during WINE 22.

WINE 21-57 hours  
**Introduction to Grapes and Wines & Other Fermented Beverages**  
This course is designed to provide foundational knowledge of wine as well as aspects of cider, beer and spirits. Students will be introduced to various historical, legal, health and production methods, and there will be an overview of wine styles from around the world; packaging and presentation; cellaring; sensory evaluation; marketing and public relations.  

Also offered by Distance Education

WINE 22-90 hours  
**Introduction to Fermentation**  
This course is designed to introduce fermentation with a focus on winemaking and wine analysis. The similarities and differences between wine, cider, beer and spirits will be explored through comparing and contrasting production cycles and performing laboratory analysis. Students will explore cellar terminology, be able to assess product quality, have an understanding of processing and preparation, gain
knowledge of equipment, and recognize good fermentation/production practices.

**WINE 23-54 hours**

**Introduction to Cellar and Brewery Operations**
The course presents the fundamentals of winery cellar and brewery operations, including equipment operation of maintenance, quality control, hygiene and sanitation. Students will become familiar with the wine composition and techniques used to promote the aging and clarification of the wine. Beer, cider and fruit wine production will also be discussed.

**WINE 24-57 hours**

**Quality and Safety of Wine, Cider, Beer & Spirits**
This course examines the core competencies of the Quality Assurance/Quality Control Specialist in small to large wine, cider, beer or spirits™ facilities. Students will explore Canadian provincial (British Columbia) and federal regulatory requirements for safety and quality, labeling standards, international Canadian Blended (ICB) wines, BC Wines of distinction and BC VQA wines. This course also focuses on the growing importance of sensory science in the manufacturing environment. Field trips will be included so students can connect technical knowledge to practical applications.

**WINE 31-45 hours**

**Understanding Food & Wine Pairing**
This course provides students with insight into successful food and wine pairing. Students are given an overview of wine styles, wine production and sensory evaluation of wine. A combination of theory and practical exercises will cover factors in food and wine that affect pairing. The course will discuss traditional pairings, the modern approach to pairing, and multi-course pairing with single and multiple wines. Students must be 19 years of age or older to register.

**Women's Studies**

Prerequisites may be waived by the Interdisciplinary Studies department. See prerequisite waiver.

**WMST 100-3-3**

**Introduction to Women's Studies**
formerly WMST 212

This course surveys the cross-cultural and historical philosophies of women's studies and what they have initiated, including feminist activism and men's movements. Through theoretical analysis, research, history and literary sources students will consider how gender is constructed across race, ethnicity, sexuality, (dis)ability, age and geographical location, to understand how women's lives are changed through socialization, ideology, and institutions. (3,0,0)

**WMST 111-3-3**

**Women and Popular Culture**
(3,0,0)

**WMST 202-3-3**

**Women in Politics**
This course provides a critical examination of women as political actors in contemporary societies. Using gender as a unit of analysis, the course will study changing societal and political roles of women, traditional and non-traditional ways of participation of women in politics, and impact of women's movements in defining the political agenda from various theoretical perspectives. This course is also offered as POLI 202. Students with credit for POLI 202 cannot take WMST 202 for further credit. (3,0,0)

Prerequisites:
- WMST 100 or POLI 101 or second-year standing

**WMST 204-3-3**

**Women, Crime and Justice**
In this course we will examine the history of women and crime and consider crime as a constructed discourse with particular gendered implications. We will examine how the Canadian criminal justice system and social control apparatus constructs women as criminals, victims and workers and how this in turn reflects and reproduces our stratified social order. This course is also offered as SOCI 204 and CRIM 204. Students with credit for SOCI 204 or CRIM 204 cannot take WMST 204 for further credit. (3,0,0)

Prerequisites:
- WMST 100 or CRIM 111 or SOCI 111

**WMST 210-3-3**

**Women in Literature**
Techniques of literary study, with emphasis on how women are represented in and have contributed to the literary tradition, will be combined with a selection of representative texts written by women. This course will examine the relationship of women's writing to the canon of English Literature in the context of some critical and literary works. This course is also offered as ENGL 210. Students with credit for ENGL 210 cannot take WMST 210 for further credit. (3,0,0)

Prerequisites:
- 6 credits from: ENGL 100, 150, 151, 153, 199 but not including both ENGL 100 and ENGL 199

**WMST 211-3-3**

**Women and the Economy**
This course focuses on economic issues of particular relevance to women. Topics discussed will include women's participation in the labour force, male-female education and income differences, discrimination,
feminization of poverty, empowerment of women in developing countries, and women's role in home production and child-rearing. This course is also offered as ECON 210. Students with credit for ECON 210 cannot take WMST 211 for further credit. (3,0,0)

Prerequisites:
• second-year standing

WMST 212-3-3
Intro to Women's Studies I
(3,0,0)

Also offered by Distance Education

WMST 213-3-3
Women in Crosscultural Perspective
This course includes an exploration of topics from anthropology focusing on explanations, in current and historical perspective, for variations in the situation of women. This course is also offered as ANTH 213. Students with credit for ANTH 213 cannot take WMST 213 for further credit. (3,0,0)

Prerequisites:
• WMST 100 or ANTH 121

WMST 215-3-3
Women and Popular Culture
formerly WMST 111

This course examines how women are represented in a variety of genres in popular culture (for example, television, advertising, music, fiction, film and the Internet). Students will engage in an analysis of the historical, social and cultural contexts which influence the representation of women in popular culture. The social and personal implications of these representations will be explored as well as the extent to which these media can be used to provoke social and personal change. (3,0,0)

WMST 216-3-3
Feminism and Film
This course will explore theoretical and practical points of contact between feminism and film. It will examine various feminist approaches to the study and production of film including, but not limited to, psychoanalysis, narrative and ideological analysis as well as semiotic, material or cultural studies. Students will learn how to read film, currently one of our most powerful cultural technologies. (3,0,0)

Prerequisites:
• WMST 100

WMST 222-3-3
Eco-Feminism

Eco-Feminism is based on the proposition that women and nature as configured by western philosophy are conceptually linked as feminine or female nature. This course will make visible the connections between the understanding of nature as feminine and global processes based on the control of people and resources for the sake of capital accumulation to the detriment of the natural world. (3,0,0)

WMST 225-3-3
Men and Masculinities
This course is a critical study of the multiple forms of oppression and privilege that are produced through interpretations, interactions and definitions of masculinity. Learners explore masculinities as maintained and reproduced on individual, cultural and institutional levels of society. Specific topics may vary but will include some of the following intersections with masculinity: sport, violence, religion and ethnicity, geography, health, crime and punishment, sexuality, education and social class. (3,0,0)

Prerequisites:
• WMST 100

WMST 295-3-3
Current Topics in Women's Studies
This course is an examination of selected topics in women's studies including, but not limited to, history, labour, feminist theory, race and ethnicity. Consult with the department for current offerings. With different topics, this course may be taken more than once for credit. (3,0,0)

Prerequisites:
• WMST 212 or WMST 100
• permission of the department

Water Quality and Environmental Engineering Technology

Prerequisites may be waived by the Water Engineering Technology department. See prerequisite waiver.

Wine Sales

WS 01-18 hours
Introduction to Wine Sales
The role of wine sales staff; an overview of the industry, both past and present; the development of wine standards and the current regulations within the industry will be discussed. Strategies involved in implementing the marketing plan and gaining an understanding of marketing terminology and marketing research will be emphasized. Students will
determine the importance of good industry and
customer relations and identify techniques to maintain
and develop accounts.

Also offered by Distance Education

WS 02-21 hours
Retail Sales
Classroom discussion and coursework will identify
types of sales, the significance of documentation,
types of liquor licensing, and the role of the Liquor
Control Board. Students will identify current training
programs within the industry and participate in field
trips to various agencies and information centres. The
relationship between food and wine; the importance of
menu consultation; and the significance of
merchandising will be discussed.

Also offered by Distance Education

WS 03-21 hours
Wine Shop and Winery Promotions
An understanding of the role and functions of the wine
shop will be provided. The relationship between
tourism and the wine industry will be discussed along
with specific information relating to tours,
merchandising, promotional materials, logos, tasting
notes, information sheets, press kits, and point of
sale. Tours to wineries will be included in this course.

Also offered by Distance Education

WS 04-12 hours
Wine Sales Class Project
Students will complete a class project and
presentation on a specific wine sales topic.

Also offered by Distance Education

WS 11-30 hours
Wine Sales Work Experience
Supervised practical experience.

Xeriscape
GENERAL ACADEMIC REGULATIONS AND POLICIES

In this section the College refers to Okanagan College.

Admission Policies

1. Applications and Admission

A prospective student may apply for admission to one or more programs or one or more start dates (intakes) of the same program in any given semester or term, whether degree, associate degree, diploma or certificate, as described in this Calendar.

Okanagan College is a multi-campus institution, and many programs are offered at more than one campus. However, not all programs are offered at all campuses. A student may apply for admission to a given program at more than one campus location if this option is available on the online application. Some programs do not allow students to apply to the same program at multiple campuses in the same term such as the Practical Nursing Diploma and the Human Service Work Diploma.

A student must accept an offer of admission to a program, within a prescribed period of time, as articulated in the communication sent regarding the offer of admission. Once a student accepts an offer, all other applications and offers will be cancelled.

2. Determination of Admissibility

Notwithstanding the general and specific program prerequisites set out in this Calendar, Okanagan College reserves the right to determine the admissibility of all applicants and to deny admission when, in the opinion of the College, there is reason to conclude that granting admission would not be in the best interest of the applicant or the College. This includes, but is not restricted to, applicants with a criminal record. Applicants thus denied admission may appeal the decision to an Admissions Appeal Committee.

Criminal record searches are required for applicants to certain programs. The cost of this search is the responsibility of the student. Results which identify relevant criminal convictions may disqualify an applicant from admission into a program. Subsequent criminal record searches may be required by the program or provincial certification bodies prior to field placement or professional registration.

3. Unconditional Admission

Students granted "Unconditional Admission" on their letter of admission have satisfied all admission requirements for the program to which they are being admitted. The student can register into their program of study (see registration procedures).

4. Conditional Admission

Students granted "Conditional Admission", must complete or confirm all of the stated admission requirements by a specific deadline as indicated on their letter or email of admission. The student is cleared to register conditionally (see registration procedures). Applicants who do not meet admission requirements or proof of enrolment by dates specified and are cancelled by the Office of the Registrar may seek reinstatement. Applicants may be reinstated on the date that the College receives the required documents provided there is still space in the program.

To expedite the processing of applications, the College strongly encourages applicants to take advantage of the online application form at www.okanagan.bc.ca/apply.

The College recognizes that students may be completing their studies at the time they apply for admission and consequently will not be able to submit their final, official transcript. Grade 12 students must submit an interim statement of all grade 11 and 12 subjects if they are applying for a program with specific admission requirements. If applicants are enrolled in the stated admission requirements, they will be admitted on a conditional basis according to the date on their completed application and statement of marks is received.

The conditional status will be removed when the College receives a final, official transcript confirming that all admission requirements have been satisfied. Okanagan College should be named as a recipient of the official provincial transcript. B.C. and Yukon grade 12 students must provide their provincial student I.D. number (PEN).

Mature applicants may be granted conditional admission on the basis of enrolment in a course of studies which, if successfully completed, will satisfy the specific admission requirements before registration or by a specific deadline as stated in their letter of admission. Failure to do so may lead to ineligibility and cancellation of the application.
5. Recipients of the President's Entrance Scholarships

Special consideration is granted to recipients of Okanagan College President's Entrance and Tuition Scholarships. Student recipients will be granted priority to program admission and course registration provided the application has been submitted and the award approved no later than May 1.

6. Aboriginal Admission

An Aboriginal applicant is a person of Native ancestry who is one of the Aboriginal peoples of Canada defined by the Constitution Act of 1982 to include the Indian, Inuit and Metis peoples of Canada.

The College is committed to enhancing the participation rate of Aboriginal peoples in post-secondary education to a level which is representative of the Aboriginal population of the region served by the College. It will strive to increase and maintain its Aboriginal student population to a level reflective of this ratio. The College, in collaboration with departments, will annually set aside a predetermined number of places specifically for Aboriginal students, the number being commensurate with student interest, available teaching and learning support resources. While the number may vary from program to program, it will not normally exceed six percent of the intake capacity for any given program in a particular year.

Pursuant to College policy, qualified Aboriginal applicants will have access to the predetermined number of reserved places specific to each program during the period from November (first allowable application submission date) to March 15 (or the last day applications are being accepted) each year for programs commencing the immediately following September and up to eight weeks before commencement of classes for multiple-intake programs. Any remaining, unused reserved space will revert to the general application pool.

Qualified Aboriginal students who apply beyond the time limit or who apply within the time limit but after the predetermined number of reserved seats for a given program have been filled, will be admitted in accordance with the general admission policies of the College, subject to the availability of space.

7. Concurrent Enrolment for Secondary School Students

A student who is enrolled in grade 11 or 12 in a B.C. secondary school may be admitted to Okanagan College to pursue "Concurrent Studies". Normally, no more than 12 credits obtained through concurrent studies may be applied toward a certificate, diploma or degree at the College. The following conditions will apply:

- The applicant must have a superior academic record;
- The applicant must have the support and written recommendation of the secondary school principal;
- The applicant must be enrolled at the grade 11 or 12 level in a program of studies that meets the regular entrance requirements of the College program to which admission is sought;
- The applicant must have the written approval of the appropriate Okanagan College dean for the courses in which the applicant plans to enrol; and
- The applicant must have the written consent of the parent or legal guardian if under the age of majority on the first day of classes.

Admission will be limited to one academic year; however, this may be renewable with the continued support of the Regional Dean and the program dean. Students in concurrent studies will be treated as regular students except that they may not enrol in a full course load. Their selection of courses must be approved by the appropriate dean, and their eligibility to register is valid for one year unless renewed by the dean. Standard transcripts will be issued, and fees, deadlines and all other regulations will be as for regular students.

Students enrolled in concurrent studies at the College who satisfy program entrance requirements upon secondary school graduation will be treated as continuing students and will not be required to reapply. Students who have enrolled in concurrent studies at other recognized post-secondary institutions before secondary school graduation may also be eligible for transfer credit.

8. Career Technology Centre (CTC) Programs

In keeping with Ministry and industry initiatives CTC programs provide a seamless transition from secondary to post-secondary education and to employment. This policy provides the opportunity for
approved secondary school students to apply for and be admitted to Okanagan College programs/courses in Industrial Trades and Services, Engineering Technology and Business.

- CTC (dual credit) programs are based on the articulation of secondary and post-secondary programs/courses that allow secondary school students an opportunity to earn credits in both education levels simultaneously.
- During grades 11 and 12, secondary students must complete all Provincial foundation graduation required courses within a secondary school environment.
- Pre-determined grade 11 and 12 elective courses normally required for secondary school graduation are replaced with an educationally approved post-secondary program or course(s). The post-secondary program/course can be offered on a post-secondary institution campus or in another mutually agreed environment such as a secondary school or industry job site.
- Post-secondary credits earned are applied towards secondary school graduation.
- A CTC student must produce an approved grade 11 and 12 training plan that meets graduation requirements of both education levels. The sponsoring School District and/or secondary school are responsible for the approval process.
- Academic portions of the advertised admission requirements for post-secondary programs/courses must be met upon graduation from grade 12.
- A post-secondary credential will not be issued unless successful grade 12 graduation has been achieved.
- To be eligible as a CTC student, the student must be under the age of 19 prior to the commencement date of the post-secondary program/course and be currently enrolled in a secondary school of their choice.
- CTC students will have post-secondary fees paid by the sponsoring school district. Testing fees, the registration fee, and the nonrefundable deposit must be paid by the applicant.

(Note: for more information on CTC program admission procedures, see the online Calendar at www.okanagan.bc.ca/calendar/policy)

9. Apprenticeship Programs

Apprentices and trainees registered with the Industry Training Authority are given preferred admission into apprenticeship programs and will be considered in chronological order of receipt of their application. Apprentices may apply to be considered for more than one program level and program start date.

Waitlists: Registered apprentices and trainees may apply to be on more than one waitlist for a specific program, level and date. The waitlists for apprenticeship programs may be considered for a subsequent program. For example: if an apprentice does not secure a seat in a preferred class then the apprentice will be considered for a subsequent class date for the same program and level.

10. Criminal Record Check

Under the Criminal Records Review Act, students working with children and/or vulnerable adults or having unsupervised access to children and/or vulnerable adults must obtain a criminal record clearance from the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Program Office.

Okanagan College Health and Social Development programs and some Continuing Studies programs include mandatory clinical, preceptorship or practicum placements involving work with children and/or vulnerable adults. Accordingly, all applicants to such programs are required to undergo a criminal record check as part of the admissions process and are advised that:

- A criminal record check clearance is a mandatory admission requirement to Okanagan College Health and Social Development programs and some Continuing Studies programs, as specified in the program admission requirements.
- The criminal record check must be completed through the B.C. Ministry of Public Safety and Solicitor General’s Criminal Records Review Program Office within the timelines specified by the College’s admissions offices.
- Should the criminal record check clearance not arrive at the College's admissions offices within the prescribed timelines, the
applicant's admission to, or registration in, the program to which they have applied may be cancelled.

Procedures:

The College's admissions offices will provide the applicant with the appropriate forms and instructions to obtain a criminal record check through the Solicitor General's Criminal Records Review Program Office. The Solicitor General's Criminal Records Review Program Office will determine the clearance of an applicant and issue a clearance letter to the College's admissions office.

If an applicant's record is not clear, the Solicitor General's Criminal Records Review Program Office will undertake adjudication to determine if there is risk and inform the College's admissions office of the result. An applicant determined to be a risk will be denied admission to the College in the program for which they have applied.

The decision to deny admission is made by the Solicitor General's Criminal Records Review Program Office. As a result, no appeal can be made by the applicant to Okanagan College on the denial of admission on this basis.

11. Program Waitlist - Policy and Procedure

- Applicants to a program who are not admitted because of enrolment limitations will be asked if they would like to place their name on a waitlist for admission to the program and, in the event space becomes available, they will be admitted in chronological order of receipt of their application except in the Bachelor of Science in Nursing, the Practical Nursing and the Certified Dental Assistant programs where admission may be competitive and based on factors other than date of application.

- In the event that a space in a program becomes available, the College shall notify the next applicant on the program waitlist by making an offer of admission. If the College does not receive a reply on or before the response deadline as stated in the offer of admission, the College shall remove the applicant's name from the waitlist and offer the space to the next qualified applicant. This process will continue until the end of the registration period or until the program is filled, whichever comes sooner.

- Immediately after the registration period, the waitlists for programs with an annual intake will be discontinued. Applicants not granted admission will be required to submit a new application for the same program or an alternate program. Re-applicants must be prepared to go through the full admission review process even though they may have met the admission requirements at the time of the original application.

12. Admission Appeals

An applicant who believes that they have been unjustly denied admission to a program due to an error in process or who believes that they are deserving of special consideration is encouraged to discuss the matter with the Associate Registrar, Recruitment and Admissions with the goal of an informal resolution of the issue.

If a resolution is not achieved, the applicant may submit an appeal for review by the Program Dean*, in writing to the Registrar, clearly stating the reason for the appeal, together with copies of relevant documents.

If a decision by the Program Dean, or designate, is not satisfactory to the applicant, the applicant will have seven calendar days to notify the Registrar of a request to appeal the decision. Unless the Registrar determines that the applicant has clearly contravened College policies or clearly has failed to comply with the specific academic entrance requirements of a program, the Registrar will forward the appeal to the Admissions Appeal Committee.

The Admissions Appeal Committee shall consist of:

- the Registrar, who shall act as non-voting committee chair;
• one member of Education Council appointed by the Chair of Education Council;
• one Program Dean or designate from an area other than the program area whose admission application is under appeal;
• one Department Chair from a department related to the admission application

The appellant and the Program Dean or designate whose decision is under appeal shall have the right to appear before the committee or may be requested by the committee to attend the appeal hearing. The committee's decision is final and shall be given in writing to the appellant and the Program Dean by the Registrar.

Except for unusual circumstances, the appeal process shall be completed within 35 calendar days of the date on which the Registrar forwarded the appeal to the committee.

*In the case of a Continuing Studies certificate admission appeal this will be the Director of Continuing Studies and Corporate Development.

Registration and Courses

1. Registration for Students

It is the responsibility of a student to become familiar with the information section of the calendar pertaining to the program in which they are enrolled. While academic advising and career planning are freely available, it is the student's responsibility to ensure that the courses in which they are registered are appropriate to the specific requirements of the degree, diploma or certificate sought.

The accuracy of registration documents is ultimately the responsibility of the student. The courses and sections in which the student is registered are clearly stated on the receipt issued at the time of registration. The student is responsible for immediately notifying the Registrar's Office of errors or discrepancies. Similarly, the student is responsible for ensuring that their name is entered on the class list for each course taken. Grades will be assigned only for the courses in which the student is officially registered. Proper registration can be verified with the instructor's class list.

2. Maximum Course Enrolment

Written approval from the appropriate dean or designate is required for academic degree, diploma and certificate students who wish to enrol in more than 18 credits in the fall or winter semester or more than 12 credits over the two Summer Sessions. This policy does not apply to students who are enrolled in the Engineering Technology programs.

3. Course Waitlist Policy

To provide students access to specific courses in an orderly, consistent and equitable manner should course vacancies occur or should additional space become available.

Students will be allowed to move from waitlists into courses, upon the availability of space, in a sequential manner. Where demand for a specific section of a given course exceeds capacity, a waitlist for that course section will be maintained. A student will be allowed to register in only one section of a given course or waitlist for one section of that course, but not both.

Okanagan College reserves the right to manage its course waitlists so as to best serve and respond to the needs of students. Therefore, the College may authorize a student to move into a course by pre-empting the waitlist.

The Registrar, or designate, is authorized to allow pre-emption of course wait-lists in the event of the following circumstances:

• It is clear that a student, in their last year of studies, requires a specific course to satisfy graduation requirements and avoid unnecessarily prolonging their studies.
• It is clear that the College bears some responsibility for the student not being able to register in a course(s).
• It is clear that a student accidentally cancelled their course registrations on the web and requires assistance in being re-instated in the same courses.

For circumstances other than these, the Registrar will make an assessment in consultation with the appropriate Dean or Associate Dean.

4. Audit Status

A student who has satisfied all course prerequisites and corequisites may attend that course as an auditor.
upon completion of the necessary registration procedures, which include written permission of the instructor.

Audit status entitles a student to enrol in and attend a course on the basis of reduced participation, including but not restricted to waiver of final examinations. The nature of the participation will be determined, within departmental guidelines, by way of a written agreement between the student and the instructor. A copy of the written agreement, bearing the signature of both the student and the instructor must be retained by the instructor.

Audit Registration will be restricted to the late registration period, subject to the availability of space.

No credit is awarded upon course completion and the course shall not be considered as meeting admission, prerequisite or other course requirements for a program.

While not required to write final examinations, the audit student is expected to attend classes as well as satisfy or comply with any other requirements of participation, within departmental guidelines, as agreed in writing by both the student and the instructor. Failure to do so will result in a failing grade of AU or, as recommended by the instructor in the submission of final grades.

A student may change registration status from audit to credit during the late registration course change period (see academic schedule for dates). With permission of the instructor, a student may change registration status from credit to audit at any time until the last day to withdraw from a course without penalty (see the academic schedule for dates). The course withdrawal deadline will apply to students with audit registration status.

Students who are auditing courses will pay reduced tuition fees. The tuition fee reduction will not apply in the following circumstances:

a. Students who change from credit to audit status after the late registration course period;

b. If the course is a studio, laboratory or practicum course;

c. If the course is offered on a cost recovery basis;

d. If the course is offered through Distance Education.

5. Course Changes, Withdrawals and Repeating Course

a. Course Changes: Students must sign all course change forms.

A student wishing to add or change a degree or diploma course must complete the necessary form available at Okanagan College campus offices or the Registrar's Office in Kelowna or complete the action themselves at myokanagan.bc.ca.

b. Withdrawal Regulations:

A student, in either the fall or winter semester, who withdraws from one or more courses before the end of the second week of classes for a one-term course, or before the end of the third week of classes for a two-term course will have no permanent record made of their registration in those courses.

A student enrolled in a degree, diploma, Adult Academic and Career Preparation or ESL program may withdraw from the courses in which they are registered at any time until the withdrawal deadline (see Important Dates.) Withdrawal standing will not be included in calculating a student's grade average.

c. Withdrawal Due to Unforeseen Circumstances:

After the withdrawal deadline, students requesting special permission to withdraw due to unforeseen circumstances beyond their control, will not be given the option to select only certain courses from which they wish to withdraw. The withdrawal must include all courses in progress unless the student has sustained a physical injury, thereby preventing continuation in a studio, laboratory or clinical course.

d. Withdrawals:

Students must sign all withdrawal forms. Before withdrawing, students are encouraged to speak with their instructor and/or a counsellor. Often, such discussion can result in continuation of studies and successful completion of the course or program.

Students who have received provincial or federal student loans must make themselves aware of the implications of withdrawing from courses. This information is available at the Registrar's Office or the regional campus office.

Students who wish to withdraw from one or more courses or who wish to withdraw completely from the College must complete the necessary form (or complete the action themselves at
myokanagan.bc.ca) which is available at all regional campus offices or the Registrar's Office Kelowna. Vocational students can obtain this form from their instructor. If a student is unable to submit the required form, they must notify the Registrar's Office in writing to enter the withdrawal on their record.

A student who ceases to attend classes or who otherwise fails to complete the requirements of a course in which the student is registered and who fails to formally withdraw from the course will be granted a final grade based on the coursework completed.

In cases where the withdrawal is due to circumstances beyond the control of the student, the provision outlined under "Withdrawals Due to Unforeseen Circumstances" will be followed. Such requests should be submitted in writing to the Registrar's Office and be accompanied by supporting documents or, in the case of illness, a physician's certificate.

A vocational student who ceases to attend classes in a program and who fails to submit a written notice of withdrawal is subject to the probation and termination policy for vocational programs. The student's registration in the program may be terminated with a notation on their permanent record.

e. Repeating Courses:

For courses leading toward a baccalaureate degree, an associate degree, a two-year post-secondary diploma or an Adult Academic and Career Preparation certificate or diploma or an English as a Second Language certificate, the following policy and practice shall apply.

No course, whether previously passed, failed, audited or from which the student has previously withdrawn, subsequent to the late registration deadline, may be repeated more than once without special permission of the appropriate dean, director or designate.

Unless determined otherwise, by the dean, a student granted such permission shall not be allowed to register in or waitlist for the course until after conclusion of the advanced and regular registration periods, which may vary depending on the program and its intake dates. Enrolment shall be subject to the availability of remaining space in the course at the time of the student's registration.

f. Financial Hold:

Okanagan College reserves the right to place a student on financial hold. When a student has been placed on financial hold, no subsequent registration activity will be allowed, no statement of grades or transcripts of academic record will be issued and the student will not be allowed to graduate. The Financial Aid and Awards office and the library will be notified and use of the library may be restricted. The student will not be eligible to register in any future courses until the financial hold is removed. The financial hold will be removed when the outstanding balance, including all interest penalties, is paid in full. In respect of any other indebtedness to Okanagan College, subsequent registration may be denied until these accounts are fully paid.

Attendance

1. Attendance

While attendance is mandatory in courses with practicums or preceptorships, regular attendance is expected in all courses. The specific attendance policy is determined by departmental policies or guidelines and will be outlined in the program syllabus or course outline distributed to students at the commencement of the program or course.

2. Participation

Class participation may be evaluated in some courses or programs. Where participation is evaluated, as determined by the instructor or professor in compliance with departmental policies or guidelines, the program syllabus or course outline distributed to students at the commencement of the class will clearly state how participation will be assessed and its effect on the determination of final grades. See Audit Status for more information.

3. Holy Days

The College recognizes the diversity of religious practices among its students. The College will review requests from students to absent themselves from regularly scheduled classes and/or examinations on formal holy days of a recognized religion actively practiced by the requester. Consideration of such requests will be subject to operating constraints. Students will be required to make up missed work or other such requirements as may be deemed necessary and appropriate in granting the request.

Students shall inform their instructors or professors within the first two weeks of classes of the holy days on which they wish to be absent during a semester, and shall discuss possible alternative arrangements with the instructors or professors.
Instructors and professors shall make reasonable efforts to accommodate such requests. In some instances, consultation with the Program Dean or Director, or designate may be advisable.

4. Field Trips

Students enrolled in a formal course of studies at the College may on occasion have the opportunity to enrich or supplement their studies by way of a field trip arranged by instructional staff. Field trips must be formally authorized by the Program Dean or Director, or designate. Field trips may be scheduled outside of regularly scheduled class time and for some courses, the field trip is a mandatory component of the course and will be specified as such in the program syllabus or course outline.

Examinations

1. Final Examinations

The final examination time period is published annually at www.okanagan.bc.ca/dates and students are required to write final examinations at the scheduled times and dates. Students should be aware that examinations may be scheduled on days and times that differ from regular class schedules, including evenings and weekends. In the event of exceptional circumstances, students may apply to write a final examination at a time other than the scheduled time. These examinations are referred to as out-of-time final examinations; more information can be found below.

Also see "Aegrotat Standing" and "Standing Deferred" in Grading Practices.

a. Exam Papers

Final examination papers become the property of the College and remain in the possession of the College for a period of no less than one year until destroyed. In the event of a grade appeal, all final examination papers will be retained by the College for 12 months beyond the resolution of the appeal.

b. Arts, Science and Business Administration Courses

Students shall not be required to complete a test or exam which contributes more than fifteen percent (15%) toward the final grade in a course during the last five teaching days of the semester or in the period between the end of the semester and the beginning of final examination period.

This policy does not apply to laboratory examinations or field courses and other courses whose schedules do not match that of the regular timetable, whether summer session or regular session.

2. Out-of-Time Final Examinations

In the event of an exceptional circumstance that meets the criteria outlined below, students may apply to write a final examination at a time other than the
scheduled time. These examinations are referred to as out-of-time final examinations.

**Procedure**

A student may apply to write an out-of-time final examination by submitting a completed Out-Of-Time Final Examination Form to the appropriate Program Dean or Director, or designate. Except in unforeseen circumstances, as described below, students must complete and submit their request for an out-of-time examination at least two weeks in advance of their scheduled examination so an out-of-time examination can be organized at a suitable time.

**Criteria for Approval of Out-of-Time Final Examinations**

*a. Exam Schedule Conflict*

Approval of an out-of-time final examination request shall be granted if the student has two or more final examinations scheduled at the same time, has three or more final examinations scheduled within a 24-hour period or has insufficient time to travel between campuses for the purpose of writing final examinations.

*b. Unforeseen Circumstances*

Medical/Health: Approval of an out-of-time final examination request may be granted if the student has been injured, or hospitalized or is under the care of a health care professional/practitioner for a condition which prevents the student from writing the examination at the scheduled time.

Compassionate: Approval of an out-of-time final examination request may be granted for compassionate reasons such as, but not limited to, a death, serious illness or injury of a member of the student's immediate family. At the discretion of the Program Dean or Director, or designate, consideration may also be given for other unforeseen events beyond the student's control.

Legal Obligations: Approval of an out-of-time final examination request may be granted for legal obligations which include but are not restricted to jury duty or court appearances.

Note: In all cases the student must submit written confirmation and/or documentation verifying that the student is or was unable to write the final examination at the scheduled time because of unforeseen circumstances beyond the control of the student. In the event of illness or injury, the student and/or the physician must indicate in writing when the student could reasonably be expected to write the final examination.

*c. Religious Beliefs*

Approval of an out-of-time final examination request shall be granted if an examination is scheduled on a day recognized for observance by the student's religion or church, as guaranteed by the Canadian Charter of Rights and Freedoms. The student may be required to submit a letter from their church or equivalent.

*d. Special Employment or Extraordinary Athletic Activities*

Approval of an out-of-time final examination request may be given for reasons such as extraordinary employment (example: confirmation of a job overseas) or extraordinary athletic activities (example: participation in the B.C. Games, Canada Games or the Olympics).

*e. Participation on College Athletic Teams and College-related Student Activities*

Approval of an out-of-time final examination request may be given for participation as a team member in scheduled games of a College athletic team or for participation in College-related student activities such as competitions.

**Note**

Applications for out-of-time final examinations shall not be approved for vacations, trips or reasons other than those satisfying the aforementioned criteria.

**Grading Practices**

1. **Official Transcript**

Official transcripts are sent directly to the receiving institution by the Office of the Registrar at the request of the student only. If there are any outstanding financial obligations, the official transcript will not be released.

2. **Transcript Request**

Student transcripts shall disclose the outcome of all coursework performed successfully or unsuccessfully by the student. Student transcripts shall differentiate credits granted for successful completion of Okanagan College courses, transfer credits granted
for equivalent courses successfully completed at another recognized post-secondary institution or credits that may have been granted through the process of Prior Learning Assessment.

3. Posting of Final Grades by Instructors

The earliest possible dissemination of final grades is critical to students. Therefore, in accordance with the provisions of the Freedom of Information and Protection of Privacy legislation, instructors may post final grades outside their office, subject to the following conditions.

a. That the instructor take reasonable precautions to ensure and protect confidentiality.

b. That the student number and not the name of the student appear on the posting.

c. That the posting clearly state that the final grades, as posted by the instructor, are tentative only and subject to final approval of the College.

Direct questions on reasonable precautions to ensure and protect confidentiality to the Registrar.

4. Standardized Grading System

Okanagan College’s standardized grading system uses final percent grades to determine semester and cumulative grade averages. The system applies to all courses, irrespective of program.

Grades for all courses, regardless of credit value, will be based on a percentage system. The minimum and maximum grades for all courses will be 0 percent and 100 percent, respectively. Transcripts will include a percentage grade for each course, along with the number of credits awarded for the course. The following categories will be used. C- and D (marginal pass) will allow a student to continue in successive courses unless otherwise stated for specific programs or courses.

90 - 100 Percent - Letter Grade: A+
85 - 89 Percent - Letter Grade: A Grades = First Class
80 - 84 Percent - Letter Grade: A-
76 - 79 Percent - Letter Grade: B+
72 - 75 Percent - Letter Grade: B Grades = Second Class
68 - 71 Percent - Letter Grade: B-
64 - 67 Percent - Letter Grade: C+
60 - 63 Percent - Letter Grade: C Grades = Pass
55 - 59 Percent - Letter Grade: C-
50 - 54 Percent - Letter Grade: D Grade = Marginal

Pass
0 - 49 Percent - Letter Grade: F Grade = Failure

C- and D (marginal pass) will allow a student to continue in successive courses unless otherwise stated for specific programs or courses.

The minimum grade for nursing courses for progression within the BSN program is 60%. The minimum cumulative average to continue in the program is 65%. Students must receive a passing grade in each nursing course to progress to the next nursing course. Students must satisfy the prerequisites, co-requisites and concurrent requirements for each nursing course. Students must maintain a cumulative grade average for all required courses of 65%, and may be required to withdraw from their program if their cumulative grade average falls below 65%.

A minimum pass in a vocational course is 70% unless otherwise stated, but students must receive a grade of 50% to pass the course. In apprenticeship programs, Okanagan College instructors will complete both theory and practical assessments as prescribed by the Industry Training Authority for the specific apprenticeship trade program and level. The assessments (school reports) are provided to the Industry Training Authority to be included on the apprentice’s apprenticeship record. The apprentice must achieve a minimum grade of 70% to pass.

A marginal pass in Adult Academic and Career Preparation is 50%, based on the Okanagan College standardized grading system. However, 60% is required to move to the next level in any subject. English as a Second Language (ESL) courses require 65%.

For those science courses in which the laboratory component is evaluated separately from the lecture component, a student must pass both components to obtain a passing grade in the course. If one or both of the components are not successfully completed, the maximum possible grade awarded will be 49%. Students are not allowed to take successive laboratory courses unless they have completed the prerequisite course.

No student may repeat a course for additional credit, unless approval is given by the Registrar. The College reserves the right to review grades. The official grades awarded are those listed on the semester grade transcripts.
5. Grade Average (GA)

To determine your grade average, multiply each course credit value by the standard percent grade received. Add the weighted grades, and divide the sum by the total number of credit hours. This method produces an average grade between 0 percent and 100 percent, inclusive.

Calculation of the Grade Average for Duplicate Courses: If any course is repeated, the original and the repeated grades are listed on the student's record. Only the higher percentage is considered in the calculation of the grade average. Generally courses which are repeated are required course in which a passing grade has not been obtained.

Calculation of the Grade Average for Courses Completed Before December, 1989: Percent grades have been reported only since December 1989. For the purpose of determining grade averages, letter grades are converted to a percent grade on the following basis:

- A = 87%
- B = 74%
- C+ = 66%
- C = 64%
- D = 53%
- F = 42%

6. Aegrotat Standing

A student who has successfully completed the term work in a course but who is unable to write a final examination because of illness or compassionate reasons may be granted "Aegrotat" standing (a final mark based on the term work). Aegrotat standing is subject to approval by the dean.

The student must apply, in writing, to the dean and provide a physician's certificate or other supporting documents confirming their inability to write the final examination. Application for Aegrotat Standing should be made by the student before the date of the final examination or as soon as possible thereafter, but no later than the last day for submission of grade appeals, as stated in this calendar.

7. Anecdotal Grade

Under special circumstances an anecdotal grade may be granted to a student who is unable to complete all of the requirements of a course. Generally, the reason for granting an anecdotal grade will be a specific disability, but other extenuating circumstances may also be considered. An anecdotal grade is subject to approval by the appropriate program dean and the Registrar. The student and instructor (and support service in the case of a special needs student) together must submit a Recommendation for an Anecdotal Grade to the dean as soon as possible and no later than two weeks after the commencement of the program. At the end of the term, the final grade, plus confirmation of the completed components, will be submitted to the dean for approval. If approved, the grade will be forwarded to the Registrar. The student's transcript will be annotated to show a conventional grade only for those listed course components which he/she was able to complete.

8. Standings

AU: Audit applies only to diploma, Adult Academic and Career Preparation and university courses not taken by Distance Education
AUF: Audit Fail
AEG: Aegrotat Standing (see definition this page)
CIP: Course in Progress
P: Requirements of a subject completed satisfactorily, no quality grade assigned, credit granted where applicable. (Excluded from the calculation of grade average.)
SD: Standing Deferred: Based on the decision to grant a student an extension to complete outstanding course work, submission of a final grade by the instructor is deferred for up to four months. (Excluded from the calculation of all averages.)
T: Graduating essay not submitted - course continuing.
TA: Terminated for lack of attendance (Adult Academic and Career Preparation and vocational programs only).
TP: Terminated for unsatisfactory performance (vocational programs only).
W: Withdrawal: not included in the calculation of either semester or cumulative grade average.
I: Incomplete (Adult Academic and Career Preparation only)

a. Standards

A student who obtains a semester grade average of less than 55% in a credit program will be placed on academic notice. A student who obtains a grade average of less than 55% in two consecutive semesters in a credit program will be placed on academic probation. A student must obtain a minimum cumulative grade average of 60% to be eligible for graduation in a program of studies leading toward an associate degree, degree and some certificates. A minimum average of 70% is required to graduate from a vocational program.

b. Graduation with Distinction

A student who obtains a semester grade average of less than 55% in a credit program will be placed on academic notice. A student who obtains a grade average of less than 55% in two consecutive semesters in a credit program will be placed on academic probation. A student must obtain a minimum cumulative grade average of 60% to be eligible for graduation in a program of studies leading toward an associate degree, degree and some certificates. A minimum average of 70% is required to graduate from a vocational program.
For each degree, associate degree, diploma or certificate program, the top 15% of the graduating students shall have the words "with distinction" annotated on their degree, associate degree, diploma or certificate, provided that they achieve a minimum cumulative grade average of 80%. This designation will also be recorded on the student's transcript.

c. Dean's and Director's List

Students on the Dean's or Director's List are recognized and acknowledged each semester by having their names entered on the Dean's or Director's List for that semester. Their transcript shall be annotated and they shall receive a letter of commendation from the Dean or Director.

The level of scholastic excellence required for the Dean's or Director's List in any semester/term is based on all courses taken by the student during that semester/term and students must be taking a minimum of courses to qualify.

The required level of achievement varies by program according to the program area's requirements:

- Academic Degrees, Diplomas and Certificates: a semester grade average of at least 85% on at least nine credits.
- Health and Social Development diplomas: a program grade average of at least 85% on completion of the program and a recommendation from the program chair to the dean.
- Health and Social Development Certificates excluding Certified Dental Assistant: a program grade average of at least 85% on completion of the program and a recommendation from the program chair to the dean.
- Certified Dental Assistant, Business Vocational, and ESL certificates: a program grade average of at least 90% on completion of the program and a recommendation by the instructor to the Dean or Director.
- Vocational Trades certificates and Apprenticeship: students must be within the top 10 per cent of the class and be recommended by their instructor to the Dean.
- Foundational Programs (AACP and ASE): a term grade average of at least 85% on at least three courses or 15 hours a week of instruction.
- Continuing Studies Certificates: a program grade average of at least 90% on completion of the program and a recommendation by the instructor to the Director.

9. Graduating Grade Average

A student's graduating grade average (GGA) is the weighted average of grades for those courses, as specified in the regulations below, taken at Okanagan College which are used to satisfy the graduation requirements for a degree, associate degree, diploma, or certificate conferred by the College. For a given course the weight is the number of credits and the value is the assigned grade.

The GGA shall be calculated according to the following regulations:

a. Transfer credits from other institutions shall not be used in the calculation of a GGA.

b. If a course is taken more than once, then only the highest grade for that course shall be included in the calculation of a GGA, with the exception of those courses that may be taken more than once for acceptable credit (e.g., directed studies, selected topics courses).

c. Courses for which a grade of "pass" or "fail" is assigned (e.g., practica) shall not be included in the calculation of a GGA.

d. If a student has been awarded more credits than are required for a degree, associate degree, diploma, or certificate, then only that set of courses that generates the highest GGA and that minimally satisfy the program graduation requirements shall be used in the calculation of the GGA.

e. Baccalaureate Degree Programs: The GGA will be based on grades for the last 60 credits used to satisfy the graduation requirements of the specific baccalaureate program (excluding those courses for which a pass or fail grade is assigned).

f. Associate Degree, Diploma and Certificate Programs: The GGA will be based on the grades of all courses taken at the College for credit toward satisfying the graduation requirements of the specific program, (excluding those courses for which a pass or fail grade is assigned).

Note: A minimum GGA of sixty percent (60%) is required to be eligible for graduation in a baccalaureate degree, an associate degree, diploma or non-vocational certificate program.

A minimum GGA of seventy percent (70%) is required to be eligible for graduation in a vocational certificate program.

For more information, please see Academic Requirements for Program Completion and Graduation.
10. Grade Appeals

If the student believes that they have not been treated fairly in the assessment of their performance in a course, that they are deserving of a higher grade in a specific component of a course, or that the determination of the student's final course grade is inconsistent with the grading methodology outlined in the course syllabus, the student may request a formal review of their course work or final grade. Grade appeal is intended to provide an opportunity to students to have a review of the performance or final grade in a course objectively by an impartial panel from within the relevant instructional discipline. A grade appeal committee is not constituted to receive or review complaints about a course or grievances against an instructor. Such complaints and grievances must be submitted to the dean of the relevant department. Students are cautioned not to submit frivolous grade appeals. Grade appeals, which, in the opinion of the Registrar, are clearly frivolous, may be declined. The appeals committee, after reviewing the student's course work, also has the power to lower a final grade.

a. Appeal by the Student

A student who wishes to have a final grade for a course reconsidered is encouraged whenever possible to first discuss the matter with the instructor concerned. If this step does not lead to satisfactory resolution, or cannot be followed, a student may make formal request for reconsideration of a final grade by writing to the Registrar within 21 days of the date on which the final grade was made available to the student by the Registrar. This request must clearly state the reason for the appeal, and be accompanied by a deposit of $30 for each grade appealed. Appeals which are clearly frivolous may be rejected.

The deposit will be refunded in the event that the originally assigned grade is changed and results in a higher grade. Term work (tests, examinations, papers, assignment, etc.) used as part of the evaluation procedure for a course must accompany the request for the appeal. Any term work item not submitted for review shall retain the grade originally assigned. An appeal is not required for the correction of omissions or errors.

Except for unusual circumstances, the appeal process shall be completed within 35 days of the date on which the Registrar forwarded the final grade to the student. Each appeal shall be considered by an appeal committee, which shall normally have the following membership:

- the Registrar or their designate, in a non-voting capacity, shall act as chair, and shall name the members of the committee listed below, after consultation with the appropriate department and student association.
- three instructors, in a voting capacity, from the appropriate department. No instructor who has previously been substantively involved, directly or indirectly, in assessing the student's course performance and/or in determining the student's final course grade shall be eligible to serve as a member of the appeals committee. The department chair should be one of the three instructors when possible. If three instructors are not available from the department, a sufficient number of instructors shall be appointed from a related department.
- one student observer, in a non-voting capacity, who may otherwise participate in the review process.

The instructor whose grade is under review and the student appellant may request to appear before the committee, or may be requested by the committee to attend a hearing. The instructor shall state, in writing, the basis upon which the final grade was originally assigned. The committee shall review the student's performance in the course including term work and the final examination, if any, and decide whether the originally assigned grade should be changed. The committee, in its adjudication, may decide that the originally assigned grade should remain the same or should be changed to either a higher or a lower grade. The committee's decision shall be given in writing to the student and the instructor by the chair of the appeals committee.

A grade appeal committee is required by the College to perform a fair and impartial review, reassessment and adjudication of all appeals for review of final grades. Because final grades are the formal evaluation and measure of a student's comprehension and/or performance in a specific course or discipline, and because a committee is comprised of instructors with relevant pedagogical, professional and academic expertise necessary to perform this task, its decision is deemed to be final and may therefore not be appealed to higher Okanagan College authority unless for contravention of procedure to process.

b. Instructor Grade Revisions

An instructor who considers that an error was made in assigning a final grade shall submit in writing a revised grade together with an explanation to the Registrar.
Probation and Termination

1. Academic Notice, Probation and Suspension Policy

The following policy shall apply to all students registered in an academic or professional degree, diploma or certificate program and enrolled in a minimum of three courses per semester. This policy only applies to the Fall and Winter semesters. It does not apply to the Summer sessions.

Notice

Students are placed on academic notice after earning a semester grade average below 55%. Academic notice will not be indicated on the student transcripts.

Students on academic notice will be advised of their academic status and provided with information about services for academic support.

Academic Probation

Students are placed on academic probation after earning a semester grade average below 55% in two consecutive semesters. Academic probation will be indicated on student transcripts. Students on academic probation will be required to withdraw from academic and professional classes for one semester.

Students on academic probation will be notified of their academic status and provided with information about services for academic support.

Subject to Dean approval, a student may be reinstated with conditions and allowed to register in a limited number of academic and/or professional classes for the following semester. Appeals for reinstatement must be submitted by the student to their Program Dean or designate no later than the first Friday of the semester during which academic probation is to commence. If reinstated, the Dean shall inform the Registrar's Office of the conditions of the reinstatement. Students who are reinstated are returned to good academic standing upon earning a semester grade average of 55% or higher.

Students should be aware that academic probation can affect their eligibility for some awards and bursaries.

Suspension

Students will be subject to academic suspension after earning a semester grade average below 55% in three consecutive semesters. Students will not be permitted to register in academic and/or professional courses for 12 consecutive months following the notification of suspension. Academic suspensions may be reconsidered by both the Program Dean and Registrar upon student request. Appeals for reinstatement must be submitted by the student to their Program Dean or designate no later than the first Friday of the semester during which academic suspension is to commence.

2. Probation Policy (Vocational and Trades programs)

Okanagan College reserves the right to terminate the training of a vocational or vocational health program student. Vocational and vocational health training may be terminated for the causes listed below.

Procedure for the Imposition of Probation and Termination: This procedure is established for the imposition of probation and termination in the event of: unsatisfactory performance, unexcused absence, and failure to comply with safety standards.

In the event that a student is placed on probation by the dean for reasons of unsatisfactory performance, unexcused absence or failure to comply with safety standards, and after having met with the student to establish the terms and conditions of the probation:

- The dean shall inform the student, by means of a letter of probation, of the terms and conditions of probation. A copy of the letter will be sent to the instructor.
- The dean shall inform the Registrar, if applicable, and notify Human Resources Skills Development Canada (and any other agency involved in the student's training), of their probationary status.
- The instructor shall monitor the student's performance and report to the dean, in writing, no later than three (3) days before the end of the probationary period, on the student's progress with respect to the terms and conditions set down in the letter of probation.
- The dean, based on the instructor's report, may either terminate the student's training or revoke the probationary status.
- The dean's decision shall be communicated in writing to the student, the Registrar, and, if applicable, Human Resources and Skills Development Canada.
- The termination shall be annotated on the student's permanent record.
a. Illness or Incapacity

Illness or incapacity refers to missing all or part of any scheduled classroom, laboratory, shop, clinical or practicum placement due to illness or injury. It also includes inability to perform required training activities where such inability is apparently attributable to illness, injury, disability or mental disorder.

If, in the opinion of the instructor, a student is incapable of successfully completing a program by virtue of a disability or health-related problem, the instructor shall report to the dean who shall meet with the student and inform the student that a professional assessment of the disability or health-related problem is a required condition of continued enrolment in the program. The dean shall confirm the student's conditional status in a letter to the student.

While the dean may assist the student in identifying an appropriate person, the student must make their own arrangements for the professional assessment to be sent directly from the person conducting the assessment to the dean's office. The dean shall request, in writing, that the student arrange to have a copy of a professional assessment sent directly from the person conducting the assessment to the Dean's office.

The dean, based on the findings of the professional assessment report, may decide to either continue or terminate the student's training. A decision to terminate the student's training shall be communicated by the dean, in writing, to the student and the Registrar.

b. Misconduct

Misconduct means conduct unbecoming of a student. It includes, but is not limited to, academic misconduct such as cheating or plagiarism, disruption of instructional activities, theft or damage to property, abuse or threatening behaviour or assault.

i. The instructor shall forward a written report on student infractions to the dean.

ii. The dean shall meet with the student and the instructor, and subsequently make a written recommendation to the President.

c. Unsatisfactory Performance

Unsatisfactory performance means failure to demonstrate satisfactory attainment of knowledge, skills and attitudes as measured through the evaluation processes applied by the instructors in the program. Poor performance may lead to a decision by the dean to place a student on probation.

The purpose of probation is to alert a student to the seriousness of the matter and to establish a set of clear objectives and strategies which have as their aim the improvement of the student's performance. However, failure to attain the objectives set down for the probationary period may result in termination of the student's training.

i. As general policy, whenever an instructor believes a student may not succeed in completing their training, the instructor shall meet with the student, discuss the circumstances, inform the student that they may not succeed, advise the student on steps which may improve the chances of their success, make a record of the discussion and recommendations, communicate the essence of the discussion and recommendations in the form of a letter to the student, and request that the student sign a copy of that letter. The student's signature signifies only that they have read the letter and not that they agree or disagree with the contents.

ii. If the student's performance does not improve, the instructor shall notify the dean, make a written recommendation regarding terms and conditions of probation, and provide the dean with a copy of any letter(s) detailing unsatisfactory performance.

iii. The dean shall meet with the student to discuss their performance and the terms and conditions of any probationary period imposed. The procedure for formal imposition or probation and/or termination due to unsatisfactory performance is subsequently articulated within this policy.

d. Unexcused Absence

Regular attendance is required of all vocational and vocational health students. Absence means missing all or part of any scheduled classroom, laboratory, shop, clinical or practicum placement and includes arriving more than ten minutes late for class at commencement or following class breaks, and leaving the class at any time before the end of the scheduled instructional period.

When a student has been absent on three or more occasions within a period of three months for any reason other than: personal illness, medical treatment or a visit to a doctor, death in the immediate family, job interview, legal proceedings, care for an ill or injured dependent or spouse, or responsibilities as a parent or guardian (e.g. conference with a school teacher)

i. The instructor shall meet with the student and warn them that their training may be
terminated if they continue to miss instructional time.

ii. The instructor shall prepare a letter documenting the meeting and the warning issued, and require the student to sign a copy of the letter to signify that the student has read its contents.

iii. If the student is unexcusably absent again, the instructor shall report the absences to the dean, and provide the dean with a copy of the letter of warning.

iv. The dean shall meet with the student to discuss their absences and the terms and conditions of any probationary period imposed.

v. The dean, or designate, shall inform the student, by means of a letter of probation, of the terms and conditions of probation. A copy of the letter will be sent to the instructor.

vi. The instructor shall monitor the student's attendance and report to the dean, or designate, in writing, no later than three (3) days before the end of the probationary period, on the student's attendance with respect to the terms and conditions set down in the letter of probation.

vii. The dean, or designate, based on the instructor's report, may either terminate the student's course registration or revoke the probationary status.

viii. The dean's, or designate's, decision shall be communicated in writing to the student and the instructor. In the event of the student's registration being terminated, the Registrar shall also be informed.

ix. The termination shall be annotated on the student's permanent record by way of assigning a standing of "TA" for the course.

e. Failure to Comply with Safety Standards

Failure to comply with safety standards refers to any practice which, in the opinion of the instructor, may cause personal injury to the student, to others, or which may cause property damage. In the case of failure to comply with safety standards:

i. The instructor shall meet with the student, explain the safety concern, and document the meeting in the form of a letter of warning to the student. The instructor shall require the student to sign a copy of the letter or warning to indicate that they have read it.

ii. In the event of any subsequent safety violation, the instructor shall provide a written report to the dean together with a copy of the letter of warning.

iii. The dean shall meet with the student and establish terms and conditions of probation, suspension or termination.

3. Probation Policy (Health and Social Development Performance and Practicum)

a. Withdrawal/Failure Policy

A student who withdraws from or receives a failing grade in any course may be required to withdraw from all other program courses due to concurrent registration requirements.

A student who withdraws or fails and who intends to apply for re-entry into the current program:

• should discuss the matter with the department chairperson;
• must normally return no later than one year from the time of withdrawal;
• must apply for re-entry through the Registrar's Office.

Re-entry following withdrawal: the College reserves the right to grant readmission to the program in accordance with its general admission policies. Students applying for re-entry will not be given preference over other applicants.

The decision to allow re-admission to the program is made on an individual basis. The following factors will be taken into account in making the decision:

• the student has demonstrated satisfactory performance in the program courses at the time of withdrawal.
• the student has not previously withdrawn or failed.
• the student has resolved the difficulty which led to the withdrawal (e.g. financial difficulties, onerous family responsibilities, obligations conflicting with studies).
• the student has kept the chairperson informed of his/her current plans for re-admission to facilitate the department planning during the student's period of absence from the program.

Concurrent registration requirements will determine courses the student must enrol upon re-entry.

b. Re-entry Following Failure
The College reserves the right to grant re-entry in accordance with its general admission policies. Students applying for re-entry will not be given preference over other applicants.

The decision to allow re-entry into the program is made on an individual basis. The following factors are taken into account in making the decision:

- the student has not withdrawn or failed previously;
- the student has resolved any difficulties which contributed to the failure (e.g. financial/work or family obligations; prerequisite knowledge deficiencies, etc.);
- the student has kept the chairperson informed of their current plans for readmission to facilitate the department planning during the student's period of absence from the program.

c. Practicum Placement

Clinical, practicum, and extern placements are integral components of health and social development programs. Locations are throughout, and are often outside, the Okanagan Valley. The College will endeavour to locate a placement in or near the student's community of choice. However, placement ultimately depends on the availability of suitable educational opportunities.

The College reserves the right to change a student's placement. The student has the right to be informed in writing of the reasons for a change in a planned placement. Travel associated with practicum experiences is entirely the responsibility of the student.

Attendance at clinical settings/practica sites is required. Students are expected to notify their instructor and the clinical/practicum site whenever they will be late or absent.

Students may be denied placement if the Dean of Health and Social Development programs determines their preparatory work is unsatisfactory. Students may also be denied placement if the dean determines their participation in a clinical or other placement puts the receiving agency or its clients at unreasonable risk.

A student may be required to withdraw on the basis of poor performance in a clinical or practicum setting. A student may be required to withdraw if the state of their health impairs ability to perform competently or poses a potential risk to clients.

4. Health & Social Development Review Committee

This policy applies to the following programs:

- Bachelor of Science in Nursing (Years 1 and 2)
- Certified Dental Assistant Certificate
- Early Childhood Education Diploma
- Health Care Assistant
- Practical Nursing Diploma
- Human Service Work Diploma
- Therapist Assistant Diploma
- Pharmacy Technician

If a student in a practicum of clinical placement for one of the above professional programs is alleged:

- to be incompetent, or
- to have violated the ethical, professional or safety standards of the profession, or
- to have violated a policy of the agency where their practicum or clinical placement is taking, or has taken, place or
- to have breached the law

and, as a consequence, in the sole opinion of the Dean of Science, Technology and Health, poses a risk to the agency or its clients, the Dean may suspend the student from the practicum or clinical placement and, if necessary, classes and laboratories until the Health and Social Development Review Committee has held a hearing that examines the allegations and has reached a decision on the allegations.

a. Committee

The Health and Social Development Review Committee will consist of:

- the Provost and VP Academic or designate who shall act as Chair
- two department Chairs from the programs listed above
- one Okanagan College faculty member, other than the person making the allegation, from the program or a related program
- a practicing representative of the profession

b. Procedures

- The proceedings of this committee are not open to the public. However, the proceedings are open to the student and, if
they wish, their advisor. A representative of the student association may attend as an observer.

- The student may elect to give evidence and make submissions before the review committee. The student may be requested by the review committee to give evidence but cannot be compelled to do so.
- Both the student and the party making the allegation shall receive at least five calendar days notice in writing of any hearing. Such notice shall contain the allegation(s) to be dealt with in the hearing. If the student fails to attend at the time and place set for the hearing after having received proper notice of the hearing, the committee can proceed in the absence of the student.
- Evidence such as documents, photos and written reports presented by one party must be disclosed to the other party at least three calendar days before the hearing. At the request of either party the Provost and VP Academic or designate can decide that some or all of the written evidence may be disclosed in camera.

c. Decision of the Committee

The Committee’s decision may exonerate the student and require immediate reinstatement into the program or may impose a penalty that can range from a written warning to expulsion from the program with such recommendations as the committee deems appropriate.

Decisions of the Health and Social Development Review Committee must be in writing and should be made available to the student within five working days of the end of the hearing. Decisions of the committee may be appealed in sequence to the General Appeals Committee and the Okanagan College Board of Governors.

1. Policy

This policy affirms the student's right to a fair and impartial hearing of any Okanagan College decision on matters of academic standing, other than grade and admission appeals, which shall be governed by the College's grade and admission policies and procedures.

2. Jurisdiction

a. The Education Council shall establish an Academic Appeals Committee, hereafter called the committee.
b. The committee is the forum of final appeal for students in matters of academic standing as mandated in Section 24 of the College and Institute Act.
c. The committee has no jurisdiction where the sole question raised in an appeal turns on the exercise of academic judgement of a student's work or performance by a faculty member.

3. Composition of the Committee

a. The committee shall consist of the following: one faculty member from each of the program areas, one student enrolled in a degree or two-year diploma program (selected by Education Council), one student enrolled in a developmental or vocational program (selected by Education Council), Provost and VP Academic or designate.
b. The committee shall be chaired by the Provost and VP Academic or designate.
c. If any member of the committee is directly or indirectly involved in a matter that may be considered by the committee to put the member in a conflict of interest, a replacement for that member shall be named by the Chair of the committee. If the Chair is involved, they shall be replaced temporarily by a person named by the Chair of the Education Council and a temporary Chair shall be elected by the committee.
d. All members of the committee shall be voting members (one vote each). In the event of a tie vote, a motion fails.
e. The appellant may challenge for cause the neutrality of any member of the committee scheduled to hear their appeal. The chair, on the advice of the committee, will rule on the validity of the challenge. If the challenge is
upheld, the member challenged shall not take any part in the appeal.

f. Members of the committee shall be reimbursed for travel expenses to attend meetings, in accordance with College policy.

4. Terms of Reference

a. The committee shall hear and adjudicate appeals by students pertaining to decisions on matters of academic standing.

b. The committee shall allow an appeal where it decides on the basis of clear and convincing evidence that the decision has been arrived at through improper or unfair procedures and that as a result, a wrong decision on the merits has been reached. Without limiting the generality of the phrase "improper or unfair procedures", it shall include the consideration of information which ought not to have been considered or the failure to consider information that should have been considered.

c. Where the committee allows an appeal, it may:
   - Reverse the decision and grant such academic standing to the appellant as the committee thinks fit in the circumstances; or
   - Quash the decision and send the matter back to the dean to be dealt with in accordance with proper procedures.

d. In all cases other than those falling within paragraph 4.b the committee shall confirm the decision being appealed.

e. "Dismiss the Appeal" means to decide that the decision being appealed is confirmed.

5. Grounds of Appeal

a. A student may appeal a decision on a matter of academic standing on one or more of the following grounds:
   i. There was unfairness in the process leading to the decision.
   ii. New evidence has come to light that was not available at the time of the decision which, if presented initially, could have resulted in a different decision.

6. Procedures Prior to the Hearing

a. A student (hereafter referred to as the appellant) shall make every reasonable effort to resolve an issue related to academic standing through discussions with the relevant instructor, department chairperson and dean, with the dean (hereafter referred to as the respondent) deciding the final position on the issue. A written decision on the issue under discussion shall be provided to the appellant by the respondent, within a time limit agreed to by the parties.

b. A student who wishes to appeal a decision on academic standing shall lodge a written notice of appeal with the Provost and VP Academic within ten days of being informed in writing of the dean’s final decision.

c. Within five days of receiving a written notice of appeal the Provost and VP Academic shall deliver to the appellant a copy of this policy and, in addition, shall inform the appellant that they are entitled to appear before the committee. This policy shall be deemed to have been received by the appellant five days after having been mailed.

d. The appellant and the respondent have the right to be represented by counsel provided reasonable notice is given to the committee. If the appellant chooses to be represented by counsel, this shall be at the expense of the appellant. The committee may have the assistance of counsel.

e. Within fifteen days of receiving the notice from the Provost and VP Academic (under 6.c), the appellant shall file a statement of appeal with the Provost and VP Academic. This should contain:
   - a statement of the decision from which the appeal is being taken.
   - a statement of the relief which the appellant seeks.
   - the reason for the appeal.
   - a brief chronological statement of the circumstances relating to the appeal.
   - copies of any documents which the appellant intends to rely on at the hearing.
   - the names of any witnesses the appellant proposes to call at the hearing. It is the appellant's responsibility to ensure that such witnesses are present at the hearing.

f. Within five days of its receipt, the Provost and VP Academic shall send the appellant's statement of appeal to the respondent.

g. Within fifteen days of the receipt from the Provost and VP Academic of the appellant's statement of appeal, the respondent shall file a response with the Provost and VP Academic. This should contain:
   - a confirmation of the nature of the decision from which the student is appealing or, if the decision is not properly stated in the appellant's
statement of appeal, a statement as to the nature of the decision;
  o the respondent's response to the grounds of appeal;
  o the respondent's comments on the chronological statements of events;
  o copies of any documents which the respondent intends to rely on at the hearings;
  o the names of any witnesses the respondent proposes to call at the hearing. It is the respondent's responsibility to ensure that such witnesses are present at the hearing.
  o the respondent's position on the relief sought and the reasons.

h. Within five days of the receipt of the respondent's response, the Provost and VP Academic shall send that response to the appellant.

i. Within ten days of the receipt of the respondent's response the Provost and VP Academic shall set a date for a hearing. The hearing shall take place within ten days of the receipt of the respondent's response unless the appellant and the respondent agree otherwise.

j. Prior to the hearing the Provost and VP Academic shall provide copies of material submitted by the appellant and the respondent to the members of the committee.

k. The Provost and VP Academic may, of their own volition or at the request of the appellant or the respondent, extend the time limits provided for in these regulations. If the Provost and VP Academic, Education refuses to extend the time limits on the request of the appellant or the respondent, their decision may be appealed to the committee as a whole, and the committee may extend the time limits as it sees fit.

l. The committee may, at its discretion, dismiss an appeal for want of prosecution, for example, if timelines are not met.

7. Procedures at the Hearing

a. A quorum for any hearing before the committee shall consist of at least five members.

b. At the hearing, subject to the rulings of the committee, the following procedure should be followed.
  o The appellant may make an opening statement. The appellant may call and examine witnesses.
  o The respondent may cross-examine any of the witnesses called by the appellant, including, where appropriate, the appellant.
  o The respondent may make an opening statement. The respondent may call and examine witnesses. The appellant may cross-examine any of the respondent's witnesses.
  o The respondent may make a closing statement.
  o The respondent may make a closing statement.
  o The respondent may respond to any matters arising out of the respondent's statement to which the appellant has not yet spoken.
  o The committee may impose reasonable time limits for the hearing of witnesses and statements.

c. The committee may request that it be provided with further information other than that supplied initially by the appellant or the respondent. Without limiting this general power if, after a hearing, the committee is of the opinion that it requires further information in order to reach a decision, it may either ask that the additional information be supplied at a further hearing or, without a hearing. It may ask that the information be supplied to it in writing. In the latter case, both the appellant and the respondent must be given the opportunity of commenting on the information so supplied before the committee reaches a final decision.

8. The Decision

a. The committee shall arrive at a decision on the basis of a majority vote of those voting members of the committee present at the hearing.

b. In the event of a tie vote an appeal shall be dismissed.

c. The decision of the committee shall be communicated in writing to the appellant and to the respondent within ten days of the final hearing of the appeal or such longer period as the committee decides is necessary.

d. The committee shall give reasons for its decision, and in the case of a minority vote, the minority may if it wishes give reasons for its dissent.

e. The decision of the committee is final.
9. Reporting

a. The committee shall report to the Education Council annually, summarizing its work in the previous year and make recommendations regarding modifications to the policy and procedures under which it operates.

c. provide the names of any persons whose conduct the appealing student alleges was not fair or impartial.

The student may submit other information or materials to the Provost and VP Academic as the student deems appropriate in the circumstances.

10. Time Limits

a. In this policy, a reference to a number of days shall exclude Saturdays or Sundays and any days on which the College is closed.

The Provost and VP Academic, Chair of Education Council and Vice Chair of Education Council shall review the information and materials submitted in the appealing student's notice of appeal to determine whether, without deciding the merits of the appeal, the notice of appeal discloses reasonable grounds for review of the hearing or process followed by the Grade Appeal or General Appeal on Academic Standing committee. No member of this group shall be involved in a matter that may be considered by the group to place that person in a conflict of interest. In the event that there is determined to be a conflict of interest, that person shall be replaced by a designate named by the Provost and VP Academic.

Final Appeal Tribunal

Students have an entitlement to reviews and hearings, on matters relating to academic standing and grades, which are conducted in a manner which is procedurally fair and impartial.

1. Policy

This policy establishes a Final Appeal Tribunal (the “Tribunal”) to review student appeals relating to the process or procedure by which a Grade Appeal or General Appeal on Academic Standing has been determined.

The Tribunal shall hear and adjudicate student appeals which relate to the question of whether a hearing or other process was conducted in a manner which was not procedurally fair and impartial and whether that procedural defect substantially affected the outcome of the hearing or process.

2. Timing of and Content of Appeal to the Tribunal

A student wishing to initiate a review by the Tribunal must file a written notice of appeal with the Provost and VP Academic or their designate (the "Provost and VP Academic ") within ten (10) days of the student's receipt of a decision from the Grade Appeal or General Appeal on Academic Standing committee.

The student's notice of appeal must:

a. identify the specific grounds upon which the student alleges the hearing or other process was not procedurally fair and impartial, including a chronological statement of the factual circumstances supporting the stated grounds for the appeal;

b. provide copies of any related documents or documents upon which the student intends to rely before the Tribunal;

c. provide the names of any persons whose conduct the appealing student alleges was not fair or impartial.

The student may submit other information or materials to the Provost and VP Academic as the student deems appropriate in the circumstances.

If, on a full consideration of the information and materials submitted by the appealing student, the Provost and VP Academic, Chair of Education Council and Vice Chair of Education Council conclude there are not reasonable grounds for a review, the appeal may be declined. In that event, the Provost and VP Academic shall notify the student of the decision and shall provide a synopsis of the reasons for the decision. This decision is final with no further appeal.

3. Jurisdiction of Final Appeal Tribunal

The Tribunal is the forum of final appeal for students in matters of procedural fairness and impartiality as mandated in section 24(2)(e) of the British Columbia College and Institute Act.

The Tribunal has no jurisdiction over questions raised in an appeal which relate to the merits of a Grade Appeal or General Appeal on Academic Standing. The Tribunal shall consider only appeals which relate to the question of whether a hearing or other process was conducted in a manner which was not procedurally fair and impartial.

The Tribunal has exclusive jurisdiction to inquire into, hear, and determine all matters of evidence and argument relating to the fairness and impartiality of the Grade Appeal or General Appeal on Academic Standing committees’ process. The decisions of the Tribunal are final and binding on the student and are not open to question, review, or appeal in any other forum.

It is not the intention of this policy to intrude upon or interfere with the Grade Appeal or General Appeal on
4. Composition of the Tribunal

The Tribunal shall comprise the following:

a. the Provost and VP Academic;

b. one student enrolled in a degree, diploma program or a certificate program of not less than 6 months, and not from the program area where the appealing student is, or has been, studying (selected by Education Council or a committee of Education Council as delegated); and

c. three faculty members from programs other than the one in which the appealing student is, or has been, studying (selected by Education Council or a committee of Education Council as delegated). The Chair of Education Council will fill one of the three faculty positions on the Tribunal in the event the Provost and VP Academic is found to be in conflict of interest.

The Tribunal shall be chaired by the Provost and VP Academic.

No member of the Tribunal shall be involved in a matter that may be considered by the Tribunal to place the member in a conflict of interest. In the event that a member of the Tribunal is found to be in a conflict of interest, that member shall be replaced by a person named by the Chair of the Tribunal. If the Chair of the Tribunal is in a conflict of interest, a replacement shall be named by the Chair of Education Council and a temporary Chair of the Tribunal shall be elected by the Tribunal.

All members of the Tribunal shall be voting members (with one vote each).

Prior to the Tribunal hearing the student's appeal, the student shall be informed of the members of the Tribunal and shall have the opportunity to challenge, to Chair of Education Council, the neutrality of any member of the Tribunal.

5. Procedures Prior to the Appeal Before the Tribunal

Within twelve (12) days of receiving the student's notice of appeal, or as soon thereafter as is reasonably possible in the circumstances (giving consideration to the time of year, especially during the months of July and August), the Provost and VP Academic shall deliver to the appealing student a copy of this policy and, in addition, shall inform the student of the date, location and time on which the student is entitled to appear before the Tribunal.

The Tribunal's hearing shall be scheduled for a date within forty-five (45) days of the Provost and VP Academic's receipt of the student's notice of appeal, or such date thereafter as is reasonably possible in the circumstances (giving consideration to the time of year, especially during the months of July and August).

The appealing student shall, no less than ten (10) days before the scheduled appeal date, notify the Tribunal if the student intends to be accompanied at the Tribunal hearing by an advocate.

Prior to the Tribunal's hearing, the Tribunal members shall each be provided with a copy of the student's notice of appeal and related materials.

The Tribunal may, at its discretion, request the appealing student to provide more information or materials prior to the Tribunal Hearing and may designate dates on which that information or materials must be submitted.

The Tribunal may, at its discretion, allow the appealing student to submit such other supplemental materials which the student believes will be of relevance to the Tribunal's determination of the appeal.

The Tribunal may, at its discretion, allow the appealing student to make amendments to the notice of appeal prior to the Tribunal hearing when those grounds, or the related circumstances, could not reasonably have been known to the student at the time of submission of the notice of appeal.

The Tribunal may soliciting submissions, information, and materials from such other persons as may, in the Tribunal's discretion, be deemed to be relevant to the student's appeal. The Tribunal may invite such other persons to appear at the Tribunal hearing as may, in the Tribunal's discretion, be deemed to be relevant to the student's appeal.

The Tribunal may at any time, at its discretion, dismiss a student's appeal if the student has substantially failed to cooperate with the Tribunal in the processing and advancement of the student's appeal including, for example, the student's failure to adhere to time limitations or to respond to the Tribunal's communications in relation to the appeal.
6. Procedures at the Tribunal Hearing

The Tribunal hearing shall take place on a date and time at which all five (5) members of the Tribunal are present.

The Tribunal shall not entertain submissions from the student on new grounds for appeal which were not identified in the student's notice of appeal or any amendment thereto.

At the Tribunal hearing, subject to the ongoing rulings of the Tribunal Chair, the following procedure shall be followed:

a. The appealing student (or advocate) may make a brief opening statement (recommended timeframe of no more than 10 minutes).

b. The Tribunal Chair may call upon any other persons in attendance to make a brief opening statement (recommended timeframe of no more than 10 minutes).

c. The appealing student (or advocate) may present information and materials which support the student's assertion that the manner in which the hearing or other process was conducted was patently unfair or biased and that this procedural defect substantially affected the outcome of the hearing or process (recommended timeframe of no more than 45 minutes).

d. The Tribunal Chair may call upon any other person in attendance to present information and materials which rebut the appealing student's assertions (recommended timeframe of no more than 45 minutes).

e. The appealing student (or advocate) may respond to any rebuttals made by any other persons in attendance (recommended timeframe of no more than 15 minutes).

f. The appealing student (or advocate) may make a brief closing statement (recommended timeframe of no more than 10 minutes).

g. The Tribunal Chair may call upon any other persons in attendance to make a brief closing statement (recommended timeframe of no more than 10 minutes).

h. The Tribunal may designate or make use of additional steps or procedures which, in the discretion of the Tribunal, are deemed appropriate in the circumstances to ensure the student has had a full and fair opportunity to be heard and to put forward the basis for the appeal. The Tribunal may, for example:

i. extend the recommended time frames set out above;

ii. request further information or materials from the student or another person;

iii. request submissions from or attendance by additional persons at a further hearing date; and

iv. make such enquiries or investigations as it considers appropriate in the circumstances.

i. At any time during the hearing the Tribunal members may ask questions of the student and any persons in attendance.

j. Upon the conclusion of the Tribunal Hearing, the Tribunal shall deliberate and shall, on that date or on such other date as the Tribunal may designate, determine the outcome of the student's appeal.

7. The Tribunal's Decision

The Tribunal shall arrive at a decision regarding the student's appeal on the basis of a majority vote of the Tribunal's five (5) members.

The Tribunal shall give full consideration to the relevant submissions of the student and of other persons. The Tribunal shall give full consideration to the processes and procedure utilized by the Grade Appeal or General Appeal on Academic Standing committee to determine whether the hearing conducted was patently unfair to the student or biased against the student and whether this procedural defect substantially affected the outcome of the hearing or process.

The Tribunal's decision shall be communicated to the appealing student within ten (10) days of the completion of the Tribunal hearing or as soon thereafter as is reasonably possible in the circumstances (giving consideration to the time of year, especially during the months of July and August). The Tribunal shall provide the student with a synopsis of the reasons for its decision.

When the Tribunal allows a student's appeal it must send the matter back to the Grade Appeal or General Appeal on Academic Standing committee for re-hearing in a manner which is fair and impartial.

When the Tribunal denies a student's appeal its decision is final and binding on the student and is not open to question, review, or appeal in any other forum.

8. Calculation of Time for the Purposes of This Policy
In this policy, a reference to a number of days shall exclude Saturdays, Sundays, statutory holidays, and any other days on which the College's administrative functions are not active.

**Academic Requirements for Program Completion and Graduation**

### 1. Baccalaureate Degrees

In addition to satisfying all course requirements for a specific degree, the student must also satisfy all other academic requirements set by the department granting the degree. This includes but is not limited to: Graduation, program and residency requirements as listed in this calendar.

**Requirements for a Second or Subsequent Baccalaureate Degree:**

The College currently offers the following baccalaureate degrees:

- Bachelor of Business Administration (BBA)
- Bachelor of Computer Information Systems (BCIS)
- Applied Bachelor of Arts: Community Research and Evaluation

If the College has previously conferred a baccalaureate degree on a student, the College may confer a second or subsequent baccalaureate degree on the same student provided that:

- the second or subsequent baccalaureate degree is a baccalaureate degree from the above list, but different than the degree(s) that was (were) formerly conferred upon the student by the College.
- the student has satisfied the entrance requirements of the baccalaureate program of the second or subsequent degree.
- the student has successfully completed a minimum of 60 credits of course work toward the second or subsequent baccalaureate degree, beyond and in addition to the course credits required for any former baccalaureate degree.
- the student has successfully satisfied all other requirements for the second or subsequent baccalaureate degree.

**Requirements for the Annotation of a Second or Subsequent Honours Designation on a Baccalaureate Degree Previously Conferred:**

If a student who has previously received an Okanagan College baccalaureate degree subsequently returns and successfully completes the requirement for an honours designation relevant to and within the same baccalaureate degree, then the student will be issued an updated certificate of the baccalaureate degree. The updated degree certificate will include an annotation specific to the second or subsequent honours designation. The student will be required to surrender the degree certificate previously conferred upon the issuance of the updated certificate for the baccalaureate degree.

### 2. Associate Degrees and Diplomas

**Second or Subsequent Associate Degree or Diploma:**

The College may confer a second or subsequent diploma or associate degree provided that the student has satisfied all program and residency requirements. The College may accept up to 30 credits from the student's previous diploma or associate degree toward satisfying the specific requirements of the second or subsequent diploma or associate degree.

In the event that the first diploma or associate degree conferred by the College is in general studies, the student will be required to complete only the outstanding requirements of the second or subsequent diploma or degree. If the outstanding requirements total less than 30 hours of credit the student will be required to surrender the Diploma in General Studies.

The College will not confer a Diploma in General Studies as a second of subsequent diploma, nor will the College confer a Diploma in General Studies concurrently with any other diploma.

### 3. Certificates

Refer to the respective program descriptions in this calendar for specific requirements of each certificate program.
4. Graduating Grade Average

A student's graduating grade average (GGA) is the weighted average of grades for those courses, as specified in the regulations below, taken at Okanagan College which are used to satisfy the graduation requirements for a degree, associate degree, diploma, or certificate conferred by the College. For a given course the weight is the number of credits and the value is the assigned grade.

The GGA shall be calculated according to the following regulations:

1. Transfer credits from other institutions shall not be used in the calculation of a GGA.
2. If a course is taken more than once, then only the highest grade for that course shall be included in the calculation of a GGA, with the exception of those courses that may be taken more than once for acceptable credit (e.g., directed studies, selected topics courses).
3. Courses for which a grade of "pass" or "fail" is assigned (e.g., practica) shall not be included in the calculation of a GGA.
4. If a student has been awarded more credits than are required for a degree, associate degree, diploma, or certificate, then only that set of courses that generates the highest GGA and that minimally satisfy the program graduation requirements shall be used in the calculation of the GGA.
5. Baccalaureate Degree Programs: The GGA will be based on grades for the last 60 credits used to satisfy the graduation requirements of the specific baccalaureate program (excluding those courses for which a pass or fail grade is assigned).
6. Associate Degree, Diploma and Certificate Programs: The GGA will be based on the grades of all courses taken at the College for credit toward satisfying the graduation requirements of the specific program, (excluding those courses for which a pass or fail grade is assigned).

Note: A minimum GGA of sixty percent (60%) is required to be eligible for graduation in a baccalaureate degree, an associate degree, diploma or non-vocational certificate program.

A minimum GGA of seventy percent (70%) is required to be eligible for graduation in a vocational certificate program.

For more information, please see Academic Requirements for Program Completion and Graduation.

5. Transfer Credits Towards a Degree, Diploma or Certificate program

Please also see Transfer Credit Requests.

Courses taken at Okanagan College will not be Transfer Credit. Please see Course Equivalency.

Transfer credit will be granted for a course taken at a post-secondary institution recognized by the College provided that the course grade is at least 50% and provided that an equivalent Okanagan College course exists. General or unassigned credit may be granted, at the discretion of the department, in the event that no equivalent Okanagan College course exists.

Transfer credit awarded for courses completed 10 years or more prior to the request for transfer may not be used as credit towards a degree or diploma at the College unless specifically approved by the Registrar after review and recommendation by the Dean or designate. Programs may, with the approval of Education Council, specify a shorter time period for courses to apply to a specific degree or diploma. Consult the appropriate program section in this calendar for detailed information.

The granting of credit for a transfer course does not guarantee that the transfer course will meet a particular program requirement. For courses completed at out-of-province institutions ($50 charge), course descriptions sufficiently detailed to facilitate comprehensive evaluation may be requested by the College's Admissions Office.

a. Residency Requirements

For the Bachelor of Business Administration diploma and Bachelor of Computer Information Systems programs, a minimum of 25% of the program including a minimum of 30 credits at the 300-level or higher must be completed through OC.

For the Applied Arts: Social Development and Research Degree students who transfer to Okanagan College may be eligible for a maximum of 75 transfer credits toward the Applied Bachelor of Arts at Okanagan College while meeting all graduation requirements for the degree program. Students must complete a minimum of 33 credits at the 300- or 400-level at Okanagan College to receive an OC Applied Bachelor of Arts. Courses granted transfer credit must have been completed within 10 years of the student's commencement in the ABA degree program. Students with a baccalaureate level credential recognized by Okanagan College may receive up to 60 credits toward the applied degree and are not subject to the within 10 years transfer rule.
For the **Commercial Aviation and Commercial Helicopter** certificate diploma programs, 100% of the program must be completed through OC.

For the **Culinary Management** diploma program, a minimum of 50% of the academic courses in the program must be completed through OC. 100% of the culinary training must be completed through OC.

For the **Post-Baccalaureate Diploma in Marketing and Data Analytics** program, 75% of the program must be completed through OC including a minimum of 15 credits of 200-level courses or higher. 25% of the program may be previously articulated transfer credit from B.C. institutions excluding coursework from the qualifying degree used for the purpose of admission or any other completed credential.

For all **Other Diploma and Associate Degree** programs, a minimum of 50% of the program must be completed through OC including the following additional requirements:

- **Business Administration** diploma: completion of a minimum of 15 credits of 200-level courses or higher;

- **Human Kinetics/Kinesiology** diploma: completion of a minimum of 15 credits of 200-level courses or higher;

- **Practical Nursing** diploma: completion of all semester 3 and 4 courses including practica and preceptorships;

- **Human Service Work** diploma: completion of all semester 3 and 4 courses including practica and preceptorships;

- **Therapist Assistant** diploma: completion of all semester 3 and 4 courses including practica and preceptorships;

- **Early Childhood Education** diploma: completion of all semester 3 and 4 courses including practica and preceptorships;

- All other diploma and associate degree programs: completion of a minimum of 18 credits of 200-level courses or higher.

For all **Certificate** programs including those offered through Continuing Studies, a minimum of 50% of the program must be completed through OC.

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**b. Program Completion under Special Circumstances**

Notwithstanding the Okanagan College Residency Requirement, a student who lacks one or two courses for graduation, and who is no longer a resident of the College region, may be granted transfer credit for up to two courses taken at another institution. Requests for special consideration may be directed to the Registrar.

The College reserves the right to determine whether transfer credit for courses completed at other institutions will be accepted. Students are strongly advised to contact the Registrar's Office in advance to ensure that the courses they intend to take are appropriate to the College's specific associate degree, diploma or certificate requirements.

**c. Limitation on Course Acceptability**

Okanagan College reserves the right not to accept courses as satisfying degree, diploma or certificate requirements when the courses were completed at the College 10 or more years before the College year in which application is made for a degree, diploma or certificate.

The College does not allow transfer credit for courses that were completed at another institution 10 or more years before the College year in which application is made for transfer credit.

**d. Transfer Credit for Adult Academic and Career Preparation**

The following transfer credit guidelines from the Ministry of Advanced Education apply toward an Adult Basic Education certificate or diploma.

i. **Fundamental Certificate:** At the Fundamental Level, transfer credit will not be given for work completed in the public school system. Transfer credit may be given for courses at the Fundamental level with a 50% (C) grade or better from British Columbia colleges.

ii. **Intermediate Certificate:** Transfer credit may be given for previous study for up to two courses, with a 50% (C) grade or better, at the Intermediate or Grade 10 level or higher.

iii. **Advanced Certificate:** Transfer credit may be given for previous study for up to two courses, with a 50% (C) grade or better, at the Advanced or Grade 11 level or higher.

iv. **Provincial Diploma:** Transfer credit may be given for previous study for courses, with a 50% (C) grade or better, at the Provincial or Grade 12 level or higher.
In addition to the courses listed, transfer credit may be approved for courses chosen from (but not limited to) such programs as entry-level occupational trades training; business administration; administrative assistant (formerly applied business technology); consumer education; university courses; education and career planning; visual graphic and performing arts; and appropriate Continuing Studies certificate programs.

Graduation

1. Application for Graduation

It is the responsibility of every candidate for a degree, associate degree, diploma or certificate to make formal application for graduation. Application forms are available at the Registrar's Office or campus offices and must be returned to the Registrar's Office by the deadlines indicated below. Students are required to inform the Registrar's Office of their intent to attend the convocation ceremony (graduation).

2. Convocation Dates

See Ceremonies page: http://www.okanagan.bc.ca/Ceremonies.

Eligibility for participation at convocation: Student eligibility is based on satisfactory completion of the requirements for degree, associate degree, diploma or full time certificate program. Certificate programs must be 14 weeks in length or longer. Students will receive transcripts and certificates by mail for programs less than 14 weeks in length.

3. Academic Achievement Awards

The College presents several achievement awards to students who achieve academic excellence. These awards, in addition to awards from the Federal and Provincial Governments are presented during the graduation ceremonies. These awards are honorary with no monetary value attached. All students completing a degree, associate degree, diploma or certificate program who have applied to graduate will automatically be considered.

a. Silver Governor General's Academic Medal
Presented to the graduate who has successfully completed an Okanagan College baccalaureate program on a full-time basis with the highest graduating grade average.

b. Governor General's Collegiate Bronze Medal
Presented to the graduate who has successfully completed an associate degree or diploma program on a full-time basis with the highest graduating grade average.

c. Lieutenant Governor's Silver Medal for Vocational Studies
Presented to the graduate who has successfully completed a vocational certificate program on a full-time basis with the highest grade average.

d. President's Award for Diploma Programs
This award is presented to the two graduates who have successfully completed an associate degree or diploma program on a full-time basis, with the highest grade average (excluding the Governor General's Collegiate Bronze Medal recipient).

e. President's Award for Certificate Programs
This award is presented to the two graduates who have successfully completed a vocational certificate program on a full-time basis, with the highest grade average (excluding the Lieutenant Governor's Silver Medal recipient).

f. Okanagan College Academic Medals
The College, in recognition of outstanding scholastic achievement, bestows a medal annually at convocation to the graduate with the highest graduating grade averages in each of the following degree programs: Bachelor of Business Administration, Bachelor of Computer Information Systems, the Associate of Science degree and the Associate of Arts degree.

Academic Integrity

1. Principles of Academic Integrity

1. Academic integrity is a cornerstone in the development and acquisition of knowledge. It is founded on values of trust, fairness, respect, honesty and responsibility. Academic integrity protects the quality of education at Okanagan College.

2. It is expected that all students will adhere to these ethical values in all of their activities at the College. Students who are in doubt as to what constitutes a violation of academic integrity in any particular instance should consult their College professor, vocational instructor, distance education tutor or continuing education instructor ("Instructor").
2. Scope

1. This policy applies to all current and former students and applies to all course activities.

3. Academic Integrity Violations

1. If an Instructor suspects that a student has acted in a manner that would normally be perceived as a violation of this policy, but the Instructor believes that the student was not acting with dishonest intent and that the student’s actions may have been due in part to the student’s weak scholarship and/or a lack of understanding of what constitutes academic integrity, the Instructor shall consult with the student. Poor scholarship, with no dishonest intent, is not a violation of academic integrity. That consultation will include:
   a. the Instructor’s concerns regarding the student’s actions that have resulted in the need for the consultation;
   b. reviewing the principles of academic integrity;
   c. possible repercussions that a student would face if found in violation of this policy; and
   d. any other points as the Instructor determines.

2. Academic integrity violations covered by this policy can take a number of forms. While the following list of examples characterizes the most common instances of integrity violations, the list is not intended to be exhaustive:

   a. Plagiarism includes but is not limited to, when a student:
      i. submits or presents work of another person, in whole or part, as that of the student’s own work;
      ii. fails to provide adequate attribution (author/creator must be acknowledged in the text, in footnotes, in endnotes, or in another accepted form of academic citation) to an author or creator whose work is incorporated into the student’s work, including another person’s words, ideas, or entire works;
      iii. paraphrases material from a source without sufficient acknowledgement;
      iv. does not ensure the work is the student’s own after the student has sought assistance from a tutor or other scholastic aids.

   b. Cheating in assignments, projects, examinations or other forms of evaluation, may include, but is not limited to:
      i. using or attempting to use another person’s answers/work;
      ii. purposely exposing or providing answers to another student(s), or failing to take reasonable measures to protect answers from use by another student(s);
      iii. unless permitted by the Instructor, a student submitting identical or virtually identical assignments/materials for evaluation, in the case of students who study/work together, or otherwise, as the student’s own work;
      iv. sharing information or answers when doing take-home or take-away assignments, tests or examinations except where the Instructor has authorized collaborative work;
      v. consulting with another person or unauthorized use or possession of materials or equipment in a lab, test or examination, including, concealing and accessing such aids outside the evaluation room during the evaluation period (e.g. emergency evacuation, washroom break, etc.);
      vi. resubmitting altered test or examination work after it has already been evaluated;
vii. students communicating with one another in any way during a test or examination;
viii. accessing or attempting to access examinations or tests before the student is authorized to do so;
ix. impersonating another student on a lab, examination or test, facilitating the impersonation of a student, unauthorized use of another person’s signature or identification in order to impersonate someone else, or benefiting from the results of such impersonation. Impersonation includes both the impersonator and the person initiating the impersonation.

c. Multiple submissions - submitting the same, or substantially the same, work more than once (whether the earlier submission was at the College or another institution) unless prior approval has been obtained from the Instructor to whom the material is to be submitted.

d. Aiding or attempting to aid others in any academic integrity violation.

e. Academic fraud:
   i. falsifying or submitting false records or information, orally or in writing;
   ii. failing to provide relevant information when requested;
   iii. falsifying or submitting false documents, transcripts or other academic credentials.

f. Any behaviour that undermines the College’s ability to evaluate a student’s academic achievement, or any behaviour that a student knew, or reasonably ought to have known, could gain them or others unearned academic advantage or benefit, is a violation of academic integrity.

4. Procedures - Academic Integrity Violation

1. If a student is suspected of violating this policy during an examination, the Instructor, in most cases, should allow the student to complete the examination. Unless the Instructor deems it necessary, the examination shall not be interrupted. The Instructor shall take the following steps once the student in question has completed/submitted his/her examination:
   a. the Instructor shall ask the student to remain in or return to the examination room after the examination period has ended and all remaining students have vacated the examination area;
   b. the Instructor shall inform the student that they are suspected of violating this policy during the examination, and that the Instructor will be following the necessary procedures as outlined in this policy.

2. When an Instructor has grounds to suspect that a student has violated this policy in their course, the Instructor will:
   a. provide to the student in writing information regarding the nature of the allegation;
   b. allow the student an opportunity to respond to the allegation, whether in writing or verbally within five (5) days;
   c. meet with the student to consider the student’s account; and
   d. discuss the incident in relation to the Academic Integrity Policy.

3. If the student fails to provide a response within five (5) days to the allegation or to participate in the process, the Instructor may continue with the process without the student’s input. In exceptional circumstances, the five (5) day time limit for a response may be extended.

4. A student’s withdrawal from a course will not end an inquiry into an allegation of a violation of academic integrity. The Academic Dean, Director, Associate Dean or Associate Director (“Dean/Director”) has the right to assign the student a mark or grade at the conclusion of the inquiry.
5. If the Instructor reasonably believes that the student has violated the Academic Integrity Policy the Instructor will refer the matter to the Dean/Director for adjudication. The Instructor will provide the Dean/Director with the following information:
   a. if applicable, a copy of the academic integrity related guidelines or directions from the course outline, any assignment specific guidelines or other instructions given to the student in the course that pertains to academic integrity;
   b. copy of the written notice given to the student that outlined the allegation(s);
   c. the student’s written reply, if provided, or a statement summarizing the student’s verbal reply;
   d. statement summarizing the meeting with the student;
   e. any other pertinent information; and
   f. the penalty that the Instructor recommends.

6. The Instructor and Dean/Director may meet to discuss the incident if either believes that discussion is warranted.

7. The Dean/Director will contact the student to review the evidence and to hear the student’s perspective. The student will have five (5) days to respond. The Dean/Director may seek further clarification from the Instructor, if necessary, before making a decision on the matter. Failure by the student to respond will not prevent the Dean/Director from making a decision.

8. The Dean/Director will contact the Registrar’s Office to determine if the student’s record contains any confirmed academic integrity violations.

9. Decision makers will make reasonable efforts to acquire all the information needed to make a fair decision, and will do so in an unbiased manner. For a finding of an academic integrity violation to be supported, based on the information presented, it must be more likely than not that the student committed an academic integrity violation.

10. Where the student is found to have violated the Academic Integrity Policy, the Dean/Director will assess the seriousness of the violation, any mitigating circumstances, take into account any previous academic integrity violations, consider the Instructor’s recommended penalty, and make a decision on the appropriate penalty.

11. The Dean/Director will inform the student, in writing, of their finding and applicable penalty. The written correspondence will constitute part of the student’s record. The Dean/Director may also provide the student with a formal warning that any additional violation of the Academic Integrity Policy may include a recommendation for immediate suspension from the College.

5. Student Appeals of an Academic Integrity Violation

1. The Dean/Director’s finding on an academic integrity violation is considered final.

2. A student may appeal the process or procedure that was followed if the student believes the investigation into the academic integrity violation was conducted in a manner that was not procedurally fair and impartial. The process may be appealed under the Final Appeal Tribunal policy.

3. A student wishing to initiate a review by the Final Appeal Tribunal must file a written notice of appeal with the Provost and VP Academic or their designate within ten (10) days of the student’s receipt of the Dean/Director’s decision.

4. In the event of a penalty entailing a suspension for just cause imposed by the President, the student has the right to appeal to the Okanagan College Board of Governors as per 37(4) of the College and Institute Act.

Student Conduct

Okanagan College is a community of students, faculty, staff, administration, Board of Governors and Education Council dedicated to the advancement of learning and the dissemination of knowledge and skills; the intellectual development of its members; and the betterment of society and the community at large. Okanagan College's students have the right to work, learn and socialize in a supportive, safe and healthy environment. The College is committed to developing a sense of community that is dedicated to creating a working and learning environment of the highest quality - one which is characterized by mutual respect,
consideration, social and moral development of its members; and is free from harassment, discrimination and any form of disruptive behaviour or violence.

The College understands and recognizes that students have responsibility for:

1. taking full advantage of education, training and services offered;
2. informing themselves about the College's policies and procedures;
3. their conduct, either individually or in a group;
4. conducting their activities in a manner compatible with the College's commitment to creating a safe and supportive working and learning environment;
5. respecting and treating members of the College community without discrimination, harassment, intimidation, or physical or psychological abuse;
6. respecting College property and the property of members of the College community;
7. respecting College regulations and the exercise of legitimate authority;
8. respecting due process, including the avenues of redress and appeals as stated by the College;
9. participating in the governance of the College.

In accordance with the Workers Compensation Act (sec. 22), all employees and students covered by WorkSafeBC are required to immediately report all work-related injuries to a Supervisor/Professor or First Aid Attendant/Security - descending order.

2. Smoking

It is the policy of the College that smoking is prohibited in all buildings and vehicles. On College property, smoking is restricted to designated outdoor smoking areas. Moreover, cigarettes, tobacco, and other tobacco products will not be sold on premises occupied by the College. Smoking at the student residences of the College is governed by the Rules of Residence.

This is in accordance with Okanagan College Board policy to provide a smoke-free environment and with BC Occupational Health and Safety Regulations Regulation 4.81(a) Please refer to this link for updated language that includes e-cigarettes

3. Operation of Company Vehicles/Mobile Equipment

Only employees with a valid driver's license with the correct classification will be permitted to operate Okanagan College vehicles or mobile equipment. In addition to a valid driver's license specific training may be required for each type of vehicle. Vehicle and mobile equipment operators must wear seat belts.

4. Personal Protective Equipment

All College employees, students and visitors are required to wear the specified personal protective equipment (PPE) for the area or specific job being performed.

5. Reporting of Unsafe Conditions

All employees and students are required to report any unsafe or harmful conditions to their immediate supervisor. The supervisor or the employer must ensure that any necessary corrective action is taken without delay (OHS Regulation 3.10) except in the case of an emergency where action must be taken immediately.

Potential hazards may include, but are not limited to:
• operating machinery, tool, appliances or other equipment without authority
• working at unsafe speeds
• removing or rendering guards ineffective
• defective tools or equipment
• poor material handling
• failure to lock-out or de-energize
• neglecting to wear personal protective equipment
• poor housekeeping
• horseplay

6. Workers’ Compensation

Student Eligibility Criteria:

a. A student is eligible to be deemed an employee of the Crown if participating in either:

i. an unpaid practicum component of a program within the Province of British Columbia while enrolled at a public post-secondary institution listed in Appendix A, either:
   1. on-site at a workplace that is part of the institution’s regular business activities or,
   2. off-site;

ii. classroom, lab or shop instruction for the technical training component of an apprenticeship program at a public or private Industry Training Authority Designated Training Provider within the Province of British Columbia while registered as an apprentice with the Industry Training Authority;

iii. an eligible off-site work experience that is a required component of a Foundation program at a public or private Industry Training Authority Designated Training Provider within the Province of British Columbia while registered in an Industry Training Authority Foundation program; or

iv. an eligible off-site work experience that is a required non-secondary school component of an Accelerated Credit Enrolment to Industry Training (ACE IT) program at a public or private Industry Training Authority Designated Training Provider within the Province of British Columbia while registered in an ACE IT program.

b. A student participating in one of the activities in section 4(a) but who is required to undertake some work or travel outside of the province of British Columbia, may be eligible for WorkSafeBC coverage if the circumstances meet the conditions of the Workers Compensation Act Section 8 (1):

“Injuries happening out of Province

8 (1) Where the injury of a worker occurs while the worker is working elsewhere than in the Province which would entitle the worker or the worker’s dependants to compensation under this Part if it occurred in the Province, the Board must pay compensation under this Part if;

(a) a place of business of the employer is situated in the Province;

(b) the residence and usual place of employment of the worker are in the Province; Ministry of Advanced Education, Skills and Training Page 4 of 6

(c) the employment is such that the worker is required to work both in and out of the Province; and

(d) the employment of the worker out of the Province has immediately followed the worker’s employment by the same employer within the Province and has lasted less than 6 months, but not otherwise.”

Freedom of Information and Protection of Privacy

Personal Information

Okanagan College is a public body governed by the Freedom of Information and Protection of Privacy Act (FIPPA), which permits us to collect, use and share your personal information only for authorized purposes. We collect, use and share personal information that relates directly to and is necessary for Okanagan College’s programs and activities. The information on this form is collected under the authority of the FIPPA and the College and Institute Act. The information will be used for the purposes of admission and registration. If admitted, your personal information is used and shared within our institution for a variety of purposes consistent with our mandate. Your information may be shared with the students’ association, the alumni association and the Okanagan College Foundation for purposes such as provision of student services; alumni development; recognition of academic excellence; convocation program and donor
awards. Information may also be used for research purposes but in those cases, individual identities will not be disclosed. Additional information may be found in our “Protection of Privacy Policy” on the Okanagan College website. Questions about the collection, use and sharing of your personal information may be directed to the Registrar.

Under the FIPPA, staff may not release personal information such as your student record or registration to anyone other than you without your consent. You may authorize Okanagan College to release your student information (e.g. status of application, financial information, transcript of academic record or confirmation of enrolment) to a third party (e.g. parent, spouse, sponsor, employer) by completing a “Consent to Release Information” form. The form is available online through myOkanagan (scroll to the Consent to Release Information box, complete the form, and “save”) or on paper at: www.okanagan.bc.ca/forms.

Communication

Communications from the College will be by email in most cases. Other important information and policies can be found on the College website. Please notify the College of any change to your email address. Please refer to the “Electronic Communication for Students and Applicants Policy” in the Calendar for details: www.okanagan.bc.ca/calendar.

Declaration and Consent

I certify that the information contained herein and that all statements made in connection with this application are true, correct and complete. I understand that any misrepresentation, incomplete disclosure or falsified information on this application may result in the cancellation of my admission or registration status. I agree that Okanagan College may verify the information provided by contacting any secondary or post-secondary institutions. I authorize Okanagan College to access Okanagan University College (OUC) records in the event I previously attended OUC. I understand and agree that my admission will not be final until my file is complete and I have satisfied all document and other requirements by Okanagan College. I authorize the posting of my grades where such posting identifies me only by my personal OC student ID number.

I understand and agree to abide by the rules, regulations and policies of Okanagan College as outlined in the Calendar and on the Okanagan College website, as amended, while I am a student at Okanagan College. In the event there is a conflict between verbal advice and Okanagan College’s official Calendar, regulations and policies, I will rely on the official version only.

I agree to pay all tuition, fees and charges to Okanagan College within the payment deadlines posted by the College.

FOR MORE INFORMATION:
If you have questions or concerns about the collection, use and disclosure of their personal information by the College, please contact the Registrar’s Office:

Office of the Registrar
Phone: (250) 862-5418
or
Director, Legal Affairs and Policy Development
Phone: (250) 862-5489

Alumni with questions about the collection, use and disclosure of their personal information by the College, please contact:

Office of Advancement and Alumni
Phone: (250) 762-5445, local 4771

Electronic Communication for Students and Applicants

Purpose

The College communicates with students and individuals applying to be students at the College ("applicants") using electronic communication - in particular email - in lieu of many paper-based processes. It is students’ and applicants’ responsibility to read all email communication in a timely fashion and to ensure their email address on file with the College is current.

Electronic Communication

All references in the College Calendar or in other College policies regarding communications from the College to the student or applicant shall be deemed to include communication by electronic means.

Electronic communication by the College to students or applicants is at the option of the College.

Communications by Email
The College will use the email address that was originally provided by the student or applicant.

Students and applicants are required to regularly check their email account for information about their application status, course registrations, fee payments, programming information, student policies, as well as other important information and notices.

Some emails, such as from the Library, may be directed to the applicant’s or student’s myOkanagan email account. This account should be checked regularly as well.

It is the responsibility of the student or applicant to keep their email address on record with the College up to date (see “Change Email Address”).

In those limited cases where an applicant or student does not have access to email to receive email communications from the College, the applicant or student must contact the Registrar to arrange another means of communication.

**Communications via College Website and myOkanagan**

To receive announcements, programming information, student policies and other important information and notices, students and applicants are advised to regularly check:

- College website;
- College Calendar; and
- myOkanagan student portal account.

**Change Email Address**

Students and applicants may change their email address by updating the email address in their myOkanagan account or by providing written notice of the change to the Registrar’s Office in Kelowna or the Administration office in Salmon Arm, Revelstoke, Vernon or Penticton.

The new email address will become the primary email address used by the College. Some College departments such as the Library may continue to use myOkanagan email account to communicate with students and applicants. Hence, even with the notice of change of email address, students and applicants are still required to check their myOkanagan email account for communications.

**Receipt of Communication**

Students and applicants are responsible to ensure that they can receive, access, read and act upon all email and notices from the College in a timely fashion.

Emails sent by the College are deemed to have been received by the student or applicant the next College business day after the email was sent.

Failure to receive or read in a timely manner College email, announcements, important notices and information about programming and policies does not absolve students and applicants from knowing, responding to or complying with the content of that communication.