

CIVIL ENGINEERING TECHNOLOGY

Diploma



The Program

The program provides training 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.

Graduates can seek employment in the following types of positions: Engineering assistants in highway construction, communications and power development projects; draftspersons; 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 resource studies, irrigation and hydraulic laboratories; town/city 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.

National Accreditation: The 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). 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 Trainee (AScT Trainee) after two years of related work experience under the supervision of an accredited AScT professional. The title "Applied Science Technologist (AScT)" and AScT (Trainee) are registered titles, protected under the Professional Governance Act of BC, as being recognized within the Regulated Practise of Applied Science Technology.

What are the Benefits to Employers?

- An opportunity to evaluate employees without an obligation to permanent employment
- A proven cost-effective method of meeting human resource needs
- Co-op students are available: **May - August, September - December**
- Graduates are typically available either in **January or May** depending on their schedule
- Access to a pool of motivated, temporary employees for special projects, peak periods, vacation relief, and coverage without costly advertising

How do you hire Okanagan College Co-op Students?

E-mail: coop@okanagan.bc.ca
Website: www.okanagan.bc.ca/coop
Fax: 250-862-5600

Okanagan College
1000 KLO Road, Kelowna BC V1Y 4X8
Phone: 250-862-5412

Co-op department staff are registered with Cooperative Education and Work Integrated Learning Canada (CEWIL)



www.okanagan.bc.ca/coop

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Recommended Co-op Schedule for Civil Engineering Technology

September - December	January – April	May - August
Academic Term 1	Academic Term 2	Work Term
Work Term	Academic Term 3	Work Term
Academic Term 4	December Graduation	

Employers are encouraged to recruit up to four months prior to work terms and/or graduation.

The Diploma in Civil Engineering Technology is a four-semester program.

Semester 1

Drafting I
Concrete Technology
Application of Engineering Principles
Technical Writing & Communications I

Construction Surveying I
Statics & Strength of Materials I
Microcomputer Orientation
Mathematics for Civil Engineering Tech I

Semester 2

Drafting II
Highways Materials Testing I Elementary
Hydraulics
Structural Design

Construction Surveying II
Statics & Strength of Materials II
Software Applications for Engineering Tech
Mathematics for Civil Engineering Tech II

Semester 3

Construction Estimating
Watershed Management
Municipal Design
Design of Urban Road Systems

Engineering Soils
Highway Materials Testing II
Technical Writing and Communications II
Structural Design in Wood

Semester 4

Project
Steel Detailing & Estimating
Municipal Engineering
Construction Law

Project Management
Structural Design in Concrete
Pavements
Computer Applications for Civil Engineering

