The Program

Since 1989, Okanagan College has been playing an integral role in training students to work in the increasingly complex field of water engineering technology.

The program provides training in environmental monitoring along with design, use and maintenance of water systems and wastewater and waste disposal facilities. The analysis, distribution and treatment of water and wastewater as required by municipalities, water-use industries, environmental monitoring agencies, consulting engineering firms, non-profit organizations, and industrial equipment supply companies are an integral part of the program.

The program offers two semesters of common curriculum after which the students will have had exposure to practical, hands-on training including water chemistry, water treatment, hydraulics, hydrology, biology, and instrumentation. Second year students will specialize in either Water and Wastewater Technology or the Environmental Monitoring options.

Accreditation: The program is nationally accredited by the Canadian Technology Accreditation Board. Students and graduates are eligible to register with Applied Science Technologists and Technicians of BC and the College of Applied Biology of BC. With appropriate work experience, they are also eligible for certification with the Environmental Operators Certificate Program of BC.

Benefits to hiring Co-op students:

• An opportunity to evaluate employees without an obligation to permanent employment
• A proven cost-effective method of meeting human resource needs
• Access to a pool of motivated, temporary employees for special projects, peak periods, vacation relief, coverage without costly advertising
• Co-op students are available: May – August (first- and second-year students) September – December (first-year students only)

How do you hire Okanagan College Co-op students?

E-mail: coop@okanagan.bc.ca
Website: www.okanagan.bc.ca/coop
Phone: 250-862-5412

Okanagan College
1000 KLO Road, Kelowna BC V1Y 4X8
Fax: 250-862-5600

Co-op department staff is registered with the Canadian Association for Co-operative Education (CAFCE).
Recommended Co-op Schedule for Water Engineering Technology (WET)

<table>
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<tr>
<th>September - December</th>
<th>January – April</th>
<th>May - August</th>
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<tbody>
<tr>
<td>Academic Term 1</td>
<td>Academic Term 2</td>
<td>Work Term</td>
</tr>
<tr>
<td>Work Term</td>
<td>Academic Term 3</td>
<td>Work Term</td>
</tr>
<tr>
<td>Academic Term 4</td>
<td>December Graduation</td>
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</tbody>
</table>

Employers are encouraged to recruit up to four months prior to the start of work terms.

Diploma in Water Engineering Technology (WET): four-semester program

**Semester 1**
- Hydrology
- Applied Physics
- Mathematics for Water Engineering Tech.
- Water Quality & Treatment Processes
- Technical Writing and Communications I
- Introductory Chemistry for WET

**Semester 2**
- Environmental Biology
- Introductory Water and Wastewater Mgmt
- Instrumentation
- Surveying
- Water Chemistry
- Hydraulics
- Operations and Maintenance
- Disinfection

**Semester 3**
- **Environmental Monitoring Option**
  - Microbiology of Water & Wastewater
  - Applications of Environmental Chemistry
  - Applied Environmental Law
  - Applied Environmental Hydrogeology
  - Geographical Hydrology
  - Elementary Statistics
- **Water & Wastewater Option**
  - Microbiology of Water & Wastewater
  - Applications of Environmental Chemistry
  - Applied Environmental Law
  - Applied Process Analysis for WET
  - Wastewater Treatment
  - Water Treatment

**Semester 4**
- **Environmental Monitoring Option**
  - Introduction to Analytical Chemistry
  - Capstone Project
  - Computer Applications for WET
  - Freshwater Plants & Animals
  - Limnological Methods
  - Calculus I or Weather & Climate or Directed Studies in WET
- **Water & Wastewater Option**
  - Introduction to Analytical Chemistry
  - Capstone Project
  - Computer Applications for WET
  - Water Distribution & Wastewater Collection
  - Process Control
  - Advanced wastewater treatment

www.okanagan.bc.ca/coop