

ENVIRONMENTAL PROTECTION

Technology Diploma

Where thought meets action



THE PROGRAM

Graduates of the two-year Environmental Protection Technology (EPT) program know about the natural environment: how to describe it, how to sample it, and how to interpret results to determine if it is healthy or polluted.

The program, accredited at the national level, uses a foundation of science to foster a practical understanding of issues of pollution detection and prevention in waste streams, in air, soil, water, sediment, and biota. Practical skills in communications, problem solving, safety planning, equipment maintenance and calibration, and report writing are developed as an integral part of the program.

LEARNING ENVIRONMENT

The program puts emphasis on team work and learning by doing in the lab and in the field. Practical and analytical skills are developed in two teaching labs and a state-of-the-art undergraduate research lab, using industry standard air and water monitoring equipment and safety gear. Our campus field site includes a salmon-bearing stream and a functional wetland.

Co-operative Education is an integral part of the program. Through a competitive process students secure eight months of paid industry experience, further develop the skills introduced in class, and bring industry knowledge back to the classroom. Some students gain international experience through our partnerships with universities in Cuba and the Netherlands.

With only 20 seats available every September, the program is able to provide individualized, attentive interactions between instructors and students.

CAREERS

Our graduates have found success in all fields of the environmental industry, whether in the federal, provincial, or local governments, as well as with the private industry. Contaminated sites investigations and remediation, environmental communication, regulations and enforcement, environmental impact assessment, hazardous waste management, asbestos monitoring, these are a sample of the many types of careers that exist in the environmental sector.

Our co-op program (with a dedicated instructor) is well connected with the industry and plays a large role in the success of our graduates.

In existence for over 20 years, the Langley-based EPT program has seen its graduates move to senior positions, management jobs, and even company owners.

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