

Environmental Control (Graduate Certificate)



Meet our students

Our students are graduates from a traditional science, engineering or technology discipline and are taught by practicing professionals, ensuring their education is both practical and current. Through this program they will develop the specialized expertise and skills needed by employers in the environmental sector. After graduation, and the completion of relevant work and course experience, students can apply for the Canadian Environmental Practitioner (CEP) certification.

Learn more about the classes these students take by visiting [the program webpage](#).

Core competencies and skills

- Classifying liquid, airborne, and solid hazardous waste present in a specific environment.
- Using computer models to predict the fate of air emissions to the atmosphere.
- Conducting research, preparing formal project reports and presenting findings.
- Writing equipment operating procedures and work instructions.
- Planning and conducting an environmental audit as part of a team.
- Developing and revising environmental and/or health and safety policies and procedures.
- Designing and conducting a health and safety audit, identifying unsafe conditions.
- Organizing and conducting employee training in workplace safety and WHMIS.

Work term availability

- Winter (January – April)
- Fall (September – December)

Note: Students will be available for full-time hire upon completion of their work term.

Work term capabilities

- Performing sampling of air, water, wastewater, and soil.
- Selecting appropriate analytical procedures to determine pollutant levels in air, water and soil.
- Conducting selected analysis for common pollutants found in air and water media.
- Recommending strategies to mitigate unsafe working conditions in the workplace.
- Identifying and interpreting regulations that apply to specific environmental problems.
- Completing hazardous waste manifests.
- Gathering and interpreting information required for a Phase I site assessment.
- Assisting in planning and conducting a Phase II site assessment.
- Recommending treatment options for the remediation of contaminated sites.
- Assisting in the development and maintenance of an environmental management system.
- Developing applications for Certificates of Approval.

Employer resources

- [Employer webpage](#)
- [Program information](#)
- [Program course schedule](#)

For more information, please contact Christine Sova - christine.sova@sheridancollege.ca

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