

Sheridan

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Chemical Engineering Technology – Environmental



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Ontario College Advanced Diploma | 3 years

Use chemical engineering to ensure a safe, healthy environment.

Prepare for your career

Sheridan's Chemical Engineering Technology – Environmental advanced diploma program offers a rigorous environmental college education that prepares students for specialized careers in environmental science, the environmental industry, the chemical industry and the laboratory.

Our program

The Chemical Engineering Technology – Environmental advanced diploma program includes courses in:

- Solid waste, air pollution and wastewater treatment.
- Environmental audit.
- Environmental regulations and laws.
- Instrumental analysis and analytical chemistry.
- Design and operation of chemical processes.

Sophisticated facilities & hands-on learning

You'll work in some of the most sophisticated college environmental science facilities and chemical laboratories in Canada, getting hands-on experience with state-of-the-art chemistry and chemical engineering technology. Sheridan's environmental science labs contain pilot plant systems that expose you to real-life industrial operations in environmental control and chemical production.

Career opportunities

Chemical Engineering Technology - Environmental graduates may work on teams that include chemists, engineers, researchers and scientists. Many go on to perform key functions in both government and industry in the environmental regulatory process.

Courses

Some of the courses you can expect to take in your program

- Air Pollution Chemistry
- Environmental Regulations
- Microbiology
- Organic Chemistry
- Physical Chemistry
- Wastewater Treatment

Admission requirements

Program eligibility

Ontario Secondary School Diploma or equivalent, including these required courses:

- One English, Grade 12 (ENG4C or ENG4U)

plus

- One Chemistry, Grade 11 (U) or Grade 12 (C)
- One Math Grade 12 (U) or Math Grade 12 Mathematics for College Technology (MCT4C) or Math Grade 11 Functions (MCR3U) or Functions and Applications (MCF3M)

or

Mature student status.

Applicants who do not meet the admission requirements will be invited to complete pre-admission tests in mathematics and English. Applicants asked to take the test are considered for admission to Term 1 contingent on receiving a minimum grade of 60% in both the pre-admission mathematics/English tests.

Applicants lacking the Mathematics admission requirement for this program may wish to upgrade their Mathematics prior to application. For upgrading information, please contact us.

Applicants may also consider applying to our Technology Fundamentals program. Successful completion of this program will meet the Mathematics requirement and will provide a broader sense of the Science and Technology fields.

Applicant selection

Eligible applicants will be selected on the basis of their previous academic achievement (the average of their six highest senior-level credits, including required courses), and/or results of pre-admission testing.

Applicants who do not meet the admission requirements for this program may be advised individually regarding other related programs.

Admission at advanced level

Students may apply for admission at an Advanced Level (Direct Entry) to Year 2 of this program if they have relevant credits from a university or college. Students may have to complete certain courses from Year prior to graduation.

English language proficiency

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

Refer to the website for full admission requirements.

How to apply:

5 easy steps

- 1 Find your program
- 2 Check the admission requirements
- 3 Apply online
- 4 Submit your documentation
- 5 Accept your offer

Ready to get started?

sheridancollege.ca/apply



International students

Find out more about...

- Post-graduation work permit (PGWP) eligibility
- Admission requirements
- English language proficiency requirements
- Fees and financial aid
- Provincial Attestation Letters (PALs)

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