

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Chemical Engineering Technology

Stand out from the rest with a Chemical Engineering diploma from Sheridan.

93%

**Employer  
Satisfaction\***

with the knowledge and skills  
that our graduates possess.

**Ontario College Advanced Diploma**

**Program Code: PCETY**

Full-Time | Davis Campus | 3 yrs (6 semesters)



Put chemistry to work in the lab  
and at the industrial scale.

## Stand out with Sheridan

Sheridan's Chemical Engineering Technology advanced diploma offers education in both lab and industry areas, but stands out for its emphasis on true chemical engineering. Our strong focus on careers that involve complex, industrial-scale processes distinguishes Sheridan from other chemical engineering college programs.

## Gain career-ready skills

In Sheridan's Chemical Engineering Technology advanced diploma program, you'll acquire a broad range of fundamental skills that include:

- Instrumental analysis and analytical chemistry
- Organic, inorganic and physical chemistry
- Design and operation of chemical processes
- Environmental science
- Process control

## Practical, career-oriented learning

Sheridan emphasizes practical, hands-on learning in laboratory settings and industrial environments. You'll work directly with state-of-the-art chemical engineering and laboratory equipment, providing you with the advanced skills that are sought after by industry.

## 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)
- Grade 12 Mathematics for College Technology (MCT4C) or Grade 11 Functions (MCF3M) or Grade 11 Functions and Relations (MCR3U) or any Grade 12 (U) mathematics course

or

**Mature student status. (See “Admissions” section of the website for details.)**

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 will be assessed and advised individually and may be considered for other, related programs.

### Admission at an Advanced Level (Direct Entry)

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 have to complete certain courses from Year 1 prior to graduation.

Refer to the website for full admission requirements.

## Career Opportunities

Chemical Engineering Technology graduates may work with chemists and engineers in laboratory and industrial areas of the chemical industries.

## Courses

### SOME OF THE COURSES YOU CAN EXPECT TO TAKE IN YOUR PROGRAM

Biochemistry

Fluid Mechanics

Heat Transfer

Instrumentation and Process Control

Materials

Unit Operations

Note: See website for specific terms and course listings.

## More information



**Website:**  
[sheridancollege.ca](http://sheridancollege.ca)



**Facebook:**  
[facebook.com/sheridaninstitute](https://facebook.com/sheridaninstitute)



**Twitter:**  
[@sheridancollege](https://twitter.com/sheridancollege)



## Visit us!

There's no better way to get a sense of Sheridan than with a personal visit. Book a tour and see for yourself!



[tours.sheridancollege.ca](http://tours.sheridancollege.ca)