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.

Stand out with Sheridan

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.

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

* 2018 Key Performance Indicator (KPI) survey results produced by the Ontario Government, Colleges Ontario and student associations. Percentage shown reflects the average employer satisfaction across all Sheridan programs over the last five years.

sheridancollege.ca
Admission Requirements

Program Eligibility
Ontario Secondary School Diploma or equivalent, including these required courses:
- One English, Grade 12 (ENG4C or ENG4U)
- 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.
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.

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.

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
Facebook: facebook.com/sheridaninstitute
Twitter: @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

All information provided is current as of publication and is subject to change. Refer to the website for the most current program information. Sheridan Marketing and Brand Strategy, May 25, 2021.