FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Computer Engineering Technology

Learn advanced programming and computer engineering skills through theoretical studies, hands-on learning and co-op opportunities.

94% **Employer Satisfaction***
with the knowledge and skills that our graduates possess.

Ontario College Advanced Diploma

Program Code: PCPET

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

Integrate hardware and software to create cutting-edge solutions.

Earn a computer engineering technology credential employers value

Stand out from the field as a computer engineering technologist! Sheridan's advanced diploma program builds on the two-year Computer Engineering Technician diploma by teaching you how to integrate software and hardware components. When you graduate, you'll know how to design, build, test, implement and maintain embedded devices, computer applications and network systems.

Demonstrate your skills through a capstone project and co-op

Prove yourself to employers before you graduate! In your third year of studies, you'll put your expertise to work in a capstone project that will be showcased to industry. You'll also have the option of a three-term co-op placement, allowing you to graduate with one year of work experience. Some of our past students have secured employment as a result of co-op participation.

Work towards your degree or other certifications

When you graduate, you'll have completed all academic requirements for professional certification with the Ontario Association of Certified Engineering Technicians and Technologists. You may also be able to transfer into the third year of degree programs at various universities and colleges, including Sheridan's engineering and applied computing degrees (some bridge courses may be required).

Sheridan | Get Creative

* 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)

plus

- 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

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.

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

Computer engineering technology skills are extremely marketable across many industries. Sheridan graduates are particularly well-qualified for jobs that involve programmable controllers, data acquisition systems, embedded controllers and electronic instrumentation.

POTENTIAL FIELDS OF WORK INCLUDE:

- Computer Engineering Technologist
- Computer Network Technologist
- Software Developer
- Embedded System Developer
- Network Administrator
- Product Development Technologist
- Hardware/Software Support Technologist
- Hardware/Software Sales Representative

Courses

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

- Computer Network and Security
- Embedded Systems Applications
- Engineering AI
- Internet of Things Applications
- Wireless Communications
- Capstone Project

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

Sheridan | Get Creative