

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Computer Engineering Technician/Technology

Gain hands-on experience and a problem-solving approach to computer engineering technology.

94%

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

**Ontario College Diploma**

**Program Code:** PCPEN

Full-time | Davis Campus | 2 yrs (4 semesters)

**Ontario College Advanced Diploma**

**Program Code:** PCPET

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



Become a creative problem-solver with extremely marketable skills.

## Develop your skills

Develop high-level programming and computer engineering skills that translate directly to the workplace and are in high demand among employers. During second year Technology you can apply to join paid co-op work terms. Three terms will qualify you for a co-op Technology diploma.

## Fundamental principles to advanced concepts

Sheridan's Computer Engineering program places more emphasis on fundamental math and engineering principles than most computer engineering colleges. Second- and third-year courses focus on advanced computer engineering concepts, ranging from software development to embedded systems design.

## Professional affiliations and more

When you graduate from Sheridan's Computer Engineering Technician/Technology program, you'll have completed all the academic requirements for professional certification with the Ontario Association of Certified Engineering Technicians and Technologists (OACETT). Additional requirements for certification exist and are established by OACETT.

## 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.

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.

### RECENT GRADUATES HAVE MOVED INTO THE FOLLOWING CAREERS:

Embedded Systems Designer

Product Development Specialist

iPhone App Developer

Software Specialist

Network Analyst and/or Network Installer

Systems Analyst

Network Designer

## Courses

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

Digital Principles

Mathematics

Electricity

Object Oriented Programming - Java

Electronic Fabrication

Technical Reports & Presentations

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)



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## 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)