FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Computer Engineering Technician/Technology

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

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. Completing three of these terms will qualify you for a co-op Technology diploma.

Develop your computer engineering skills

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.

Become a creative problem-solver with extremely marketable skills.

* 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.

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)

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

sheridancollege.ca
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.

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.

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, September 25, 2019.