Sheridan

Computer Engineering Technology

Ontario College Advanced Diploma | 3 years
Davis Campus (Brampton)

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).

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/ FACULTY OF APPLIED SCIENCE & TECHNOLOGY

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

How to apply:
5 easy steps

1. Find your program
2. Check the admission requirements
3. Apply online
4. Submit your documentation
5. Accept your offer

Ready to get started?
apply.sheridancollege.ca

Visit us!

Come say hello and get a feel for your future! We offer:

- Campus Tours (in-person & virtual)
- Open Houses in the Spring and Fall
- Weekly webinars
- Appointments with Career Advisers

experience.sheridancollege.ca

Admission Requirements

Program Eligibility

Ontario Secondary School Diploma or equivalent, including these required courses:

- One English, Grade 12 (ENG4C or ENG4U)

plus

- One Math Grade 12 (U) or Math Grade 12 Mathematics for College Technology (MCT4C) or Math Grade 11 Functions (MCR3U) or Functions and Applications (MCF3M)

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 may be advised individually regarding 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.