Sheridan

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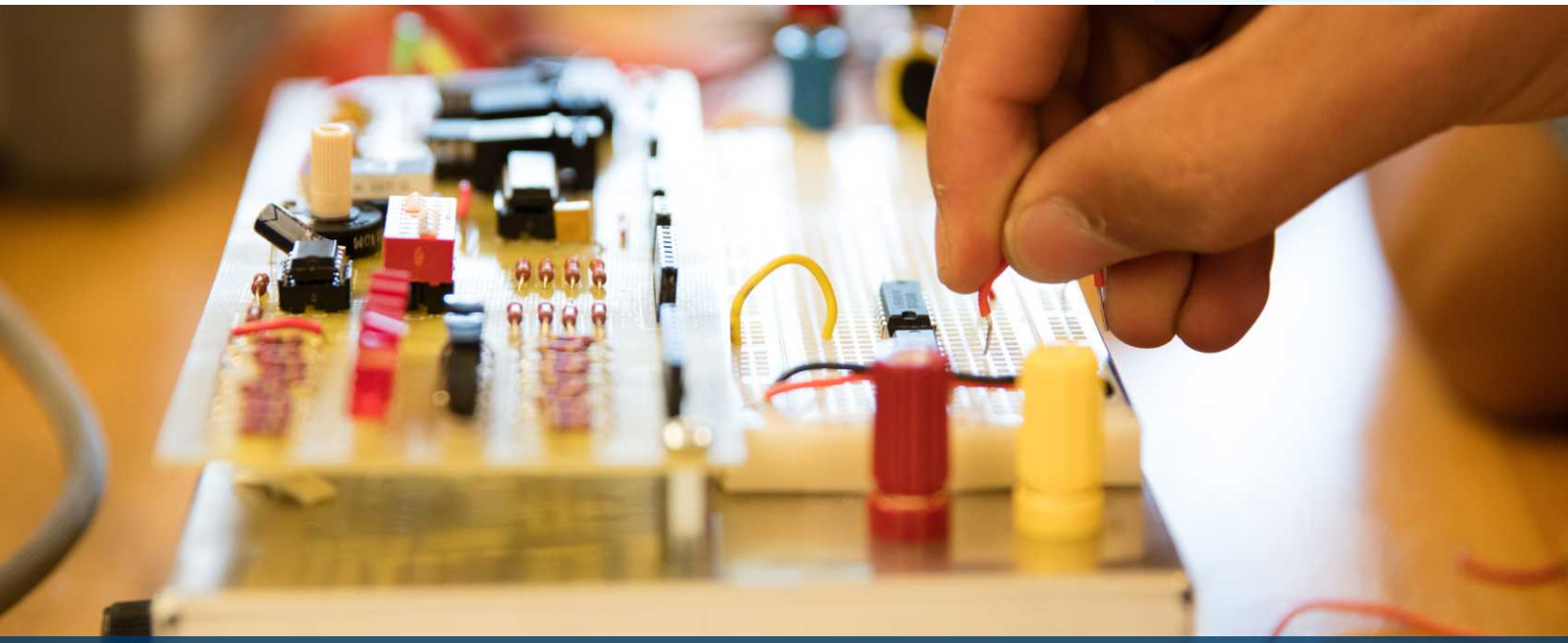
Computer Engineering Technician

Ontario College Diploma | 2 years
Davis Campus (Brampton)



Identify and solve software and hardware challenges.

Develop a valuable and versatile skillset

Software and hardware skills taught in this program are valued by employers and can be applied in a wide variety of fields. First, you'll study basic concepts that are relevant to both electronics and computer engineering. You'll then learn more specialized skills and tools, including:

- Programming
- Operating systems
- Programmable logic devices
- Microprocessors and microcontrollers

Hands-on learning opportunities

Put your new skills to the test and gain experience using cutting-edge technology in the labs of our state-of-the-art Centre for Advanced Manufacturing and Design. There, you'll work with and be inspired by students and professors from our entire suite of engineering programs, including our Mechanical Engineering and Electrical Engineering degrees.

Work towards your technology credential

As a Computer Engineering Technician graduate, you can either enter the workforce or go directly into the final year of our Computer Engineering Technology advanced diploma program. You'll also have completed all the academic requirements for professional certification with the Ontario Association of Certified Engineering Technicians and Technologists (OACETT).

Career Opportunities

Computer engineering skills can lead to employment in a variety of industries. Your understanding of programming, circuits, electronics and embedded systems would be valuable in roles such as:

Application Support
Computer Service Technician
Hardware/Software Support Technician
Computer Network Technician
Hardware/Software Sales Representative
IT Helpdesk Analyst

Courses

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

Analog and Digital Circuits
Electronic Devices and Circuits
Linux / Unix Operating Systems
Electronic computer aided design (CAD)
Java and C Programming
Microprocessors

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?

sheridancollege.ca/apply

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
- Career Advising Workshops

sheridancollege.ca/future-students

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 email academicupgrading@sheridancollege.ca.

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.