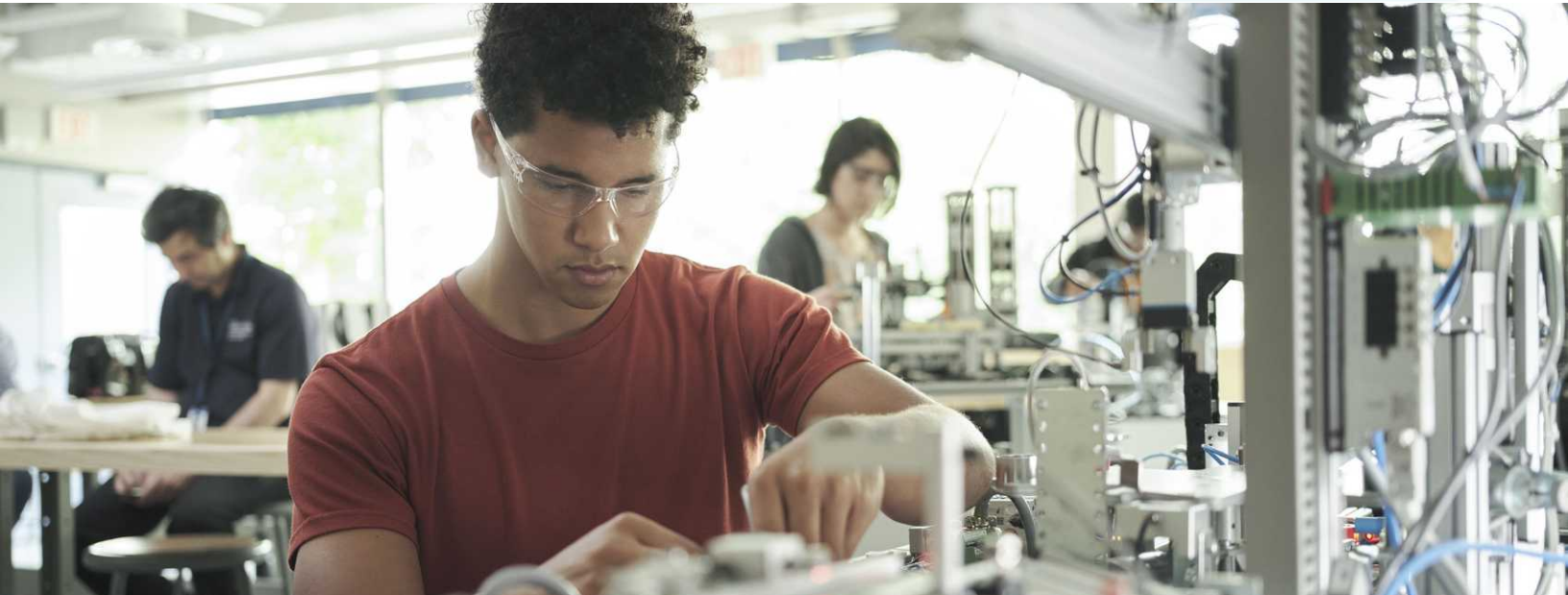# Sheridan

Electronics Engineering Technology

OPTIONAL COOP

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

Design, build and connect the electronic devices we rely on every day.

Learn advanced electronics engineering concepts

Stand out from the crowd as an electronics engineering technologist! After a common first two years with Electronics Engineering Technician diploma students, you'll study niche concepts and applications in your third year. Learn about microcontrollers, wireless communication, programmable controllers, sensors, instrumentation, imaging and video systems, power electronics, control systems and more!

Study modern curriculum and technologies

Electronics are constantly evolving, and Sheridan keeps up with the latest developments. Our expert professors have built a practical and modern curriculum based on their personal experience and industry feedback from our Program Advisory Committee. We also meet regularly with employers to identify skills and technologies that matter most in today's world, making you job-ready when you graduate.

Demonstrate your skills through a capstone project and co-op

Earn while you learn! As an advanced diploma student, you'll be eligible for paid co-op placements between semesters, enabling you to graduate with one year of industry experience. You'll also work with your fellow students on a capstone project that will be presented to employers during an open house event. Some students receive job offers as a result of their capstone or co-op participation.

Career Opportunities

The skills and hands-on experience you acquire in Sheridan's Electronics Engineering Technology program can lead to specialized positions within the electronics industry.

UPON GRADUATION, YOU MAY FIND EMPLOYMENT IN ROLES SUCH AS:

Computer Aided Designer

Field Application Technologist

Instrument Technologist

Power and Automation Technologist

Communication Technologist

Embedded System Programmer

Control System Specialist

Entrepreneur

Courses

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

Microcontroller Applications

Programmable Controllers

Power Electronics

Wireless Communication Systems

Sensors and Instrumentation

Capstone Project

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.

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