

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Electronics Engineering Technology

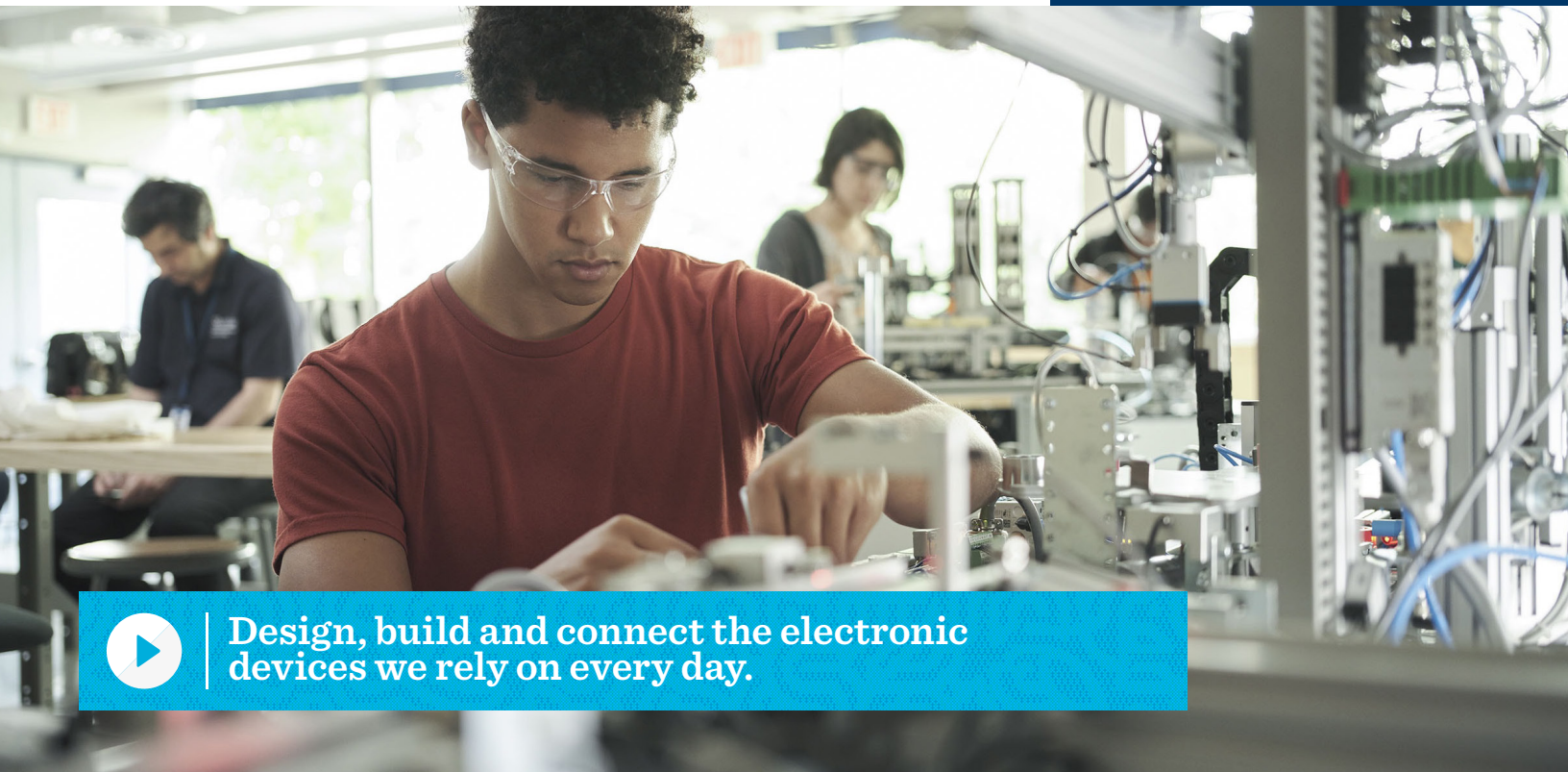
Prepare for electronics engineering work through a blend of theoretical studies, hands-on projects and industry experience.

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

**Ontario College Advanced Diploma**

**Program Code: PELTY**

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



**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.

## 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.

## 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	Instrument Technologist
Communication Technologist	Control System Specialist
Field Application Technologist	Power and Automation Technologist
Embedded System Programmer	Entrepreneur

## Courses

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

Microcontroller Applications	Sensors and Instrumentation
Wireless Communication Systems	Power Electronics
Programmable Controllers	Capstone Project

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)



**Twitter:**  
[@sheridancollege](https://twitter.com/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](http://tours.sheridancollege.ca)