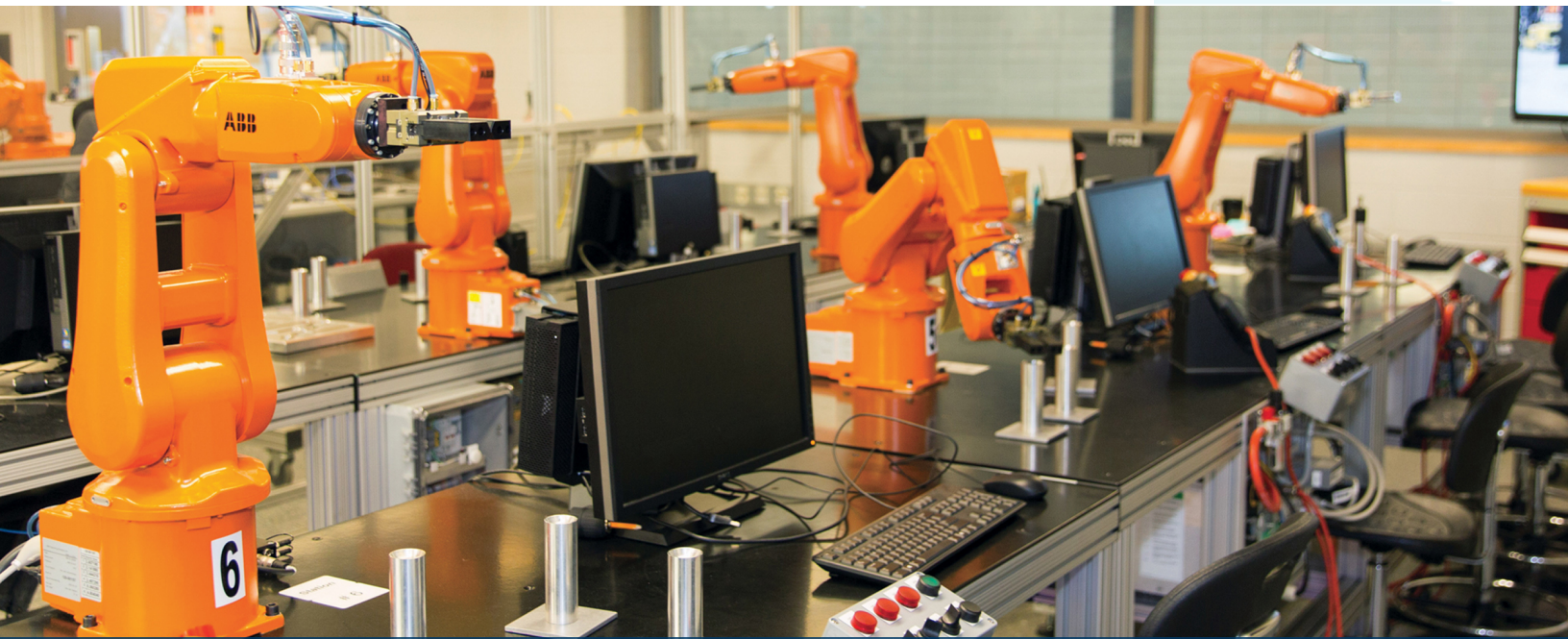# Sheridan

Electromechanical Engineering Technician

Ontario College Diploma | 2 years
Davis Campus (Brampton)

Gain highly marketable skills for the manufacturing sector.

Specialize in automation and robotics

Bring the worlds of electrical engineering and mechanical engineering together. After studying general mechanical engineering concepts in your first year, you'll focus on programmable logic controllers and robotics in your final two semesters. When you graduate, you'll be qualified to help design, install, maintain, operate, supervise and service complex electromechanical systems.

Get hands-on experience

Sheridan's approach to engineering education blends theoretical studies with hands-on learning opportunities. You'll work directly with automated systems and cutting-edge mechatronic applications in our laboratories. You'll also have the chance to work with your professors on applied research projects that provide real-world solutions for our various industry partners.

Work towards your advanced diploma or other certifications

When you graduate, you can either enter the workforce or go directly into the final year of Sheridan's Electromechanical 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

As an electromechanical engineering technician, you'll be able to assist with the installation, troubleshooting and repair of electromechanical systems.

GRADUATES OF THIS PROGRAM HAVE GONE ON TO WORK IN ROLES SUCH AS:

CAD Design

Engineering Maintenance

Mechanical Process Troubleshooting

Electromechanical Systems Installation and Commissioning

Engineering Sales and Marketing

Courses

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

Computer Assisted Design for 3D Models

Instrumentation and Process Control

Fluid Power

Robotics Fundamentals

Programmable Logic Controllers

Electropneumatics

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.