FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Electromechanical Engineering Technician/ Technology

Acquire the industry-specific skills you need to launch an electromechanical engineering career.

▶ **Gain highly marketable skills for the manufacturing sector.**

Hands-on experience

Sheridan provides outstanding hands-on laboratory opportunities, where you'll work directly with automated systems and cutting-edge mechatronic applications – the same technology used in the electromechanical engineering professions.

Develop valuable skills

En route to your Electromechanical Engineering Technician/Technology diploma or advanced diploma, you'll take courses in subjects such as:

- Materials, testing and quality standards
- Robotics and programmable logic controllers (PLC)
- Plant layout, safety and HVAC
- Process control and systems integration

Career options

You can graduate in just two years with an electromechanical engineering technician diploma and go directly into the workforce. The three-year program confers an electromechanical engineering technology credential and includes the opportunity to apply for a paid co-op work placement. Co-op enrolment is limited through a special selection process.

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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.

Refer to the website for full admission requirements.

Career Opportunities

Graduates may find employment in such areas as industrial automation, systems integration, research, technical sales, design/CAD and quality control.

RECENT GRADUATES MOVED INTO THE FOLLOWING CAREERS:

Automation Designer	Plant Engineer
CAD Designer	Process Control Engineer
Electromechanical Engineering Tech	Programmable Logic Controller Programmer
Industrial Networks (Device Net & Ethernet IP) Tech	Robotics Programmer

Courses

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

Engineering Graphics	Motors and Control
Exploring Engineering	Programmable Logic Control (PLC)
Instrumentation and Process Control	Robotics

Note: See website for specific terms and course listings.

More information

Website:
sheridancollege.ca

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@sheridancollege

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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

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