

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Bachelor of Engineering (Mechanical Engineering)

Our new Mechanical Engineering degree gets you working with industry-standard advanced technology in your first semester.

94%

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

Baccalaureate Degree - 4 Years

Program Code: PBENM

Full-time | Davis Campus | 4 yrs (8 semesters)



Begin your path towards a career in mechanical engineering.

Stand out from the crowd as a job-ready engineering graduate

With rapid changes in industry, companies are seeking engineering graduates who are ready to work from day one. Few engineering degrees in Canada will give you the same level of hands-on experience with industry-standard advanced technology. You'll also practice finding solutions for real-world problems in the industry and the community.

Work with the latest mechanical engineering technology

Sheridan's labs are like no other in Ontario. Get a degree that prepares you to work with 3D printers, robotics, rapid prototyping, integrated energy systems including solar, wind, and geothermal energy, HVAC systems, water jet technology, advanced mechatronics system equipment and more. At Sheridan, we believe the best way to learn is to roll up your sleeves and get hands-on.

Specialize in energy or mechatronics

In your third and fourth years of study, you'll specialize in one of two technical streams — energy or mechatronics. In the energy stream, you'll learn to provide environmentally and economically sustainable solutions for energy generation, distribution and usage. In the mechatronics stream, you'll learn to solve engineering problems with mechanical, electrical, computer and control engineering.

Admission Requirements

Program Eligibility

Ontario Secondary School Diploma or equivalent, including the following required courses:

- English, Grade 12 (ENG4U)

plus

- Physics, Grade 12 (U), OR
- Chemistry, Grade 12 (U)

plus

- Mathematics, Grade 12 (U) (MHF4U) Advanced Functions, AND
- Calculus and Vectors (MCV4U)

plus

- Two additional Grade 12 credits at the U or M level
- Minimum 70% overall average
- Minimum 70% in each Math course

or

Two semesters of postsecondary education including required courses with a minimum 70% overall average, and 70% in each Math course.

Sheridan Degree Entrance Scholarship: Fall 2019

Sheridan is pleased to provide an Entrance Scholarship to select applicants in specific degree programs. See this program's Fees & Financial Aid page for details.

English Proficiency Test

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

When you graduate from this degree program, you'll be ready to perform mechanical engineering work in the energy or automation sector.

HERE ARE SOME FIELDS YOU MAY BE ABLE TO WORK IN:

Energy engineering

HVAC engineering

Mechatronics engineering

Energy consulting

Robotics engineering

Manufacturing engineering

Facilities management

Product design

Courses

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

Capstone (Final Design) Project

Digital Systems Design

HVAC Systems

Mechatronics System Design

Microcontroller Applications

Alternative Energy Systems

Note: See website for specific terms and course listings.

More information



Website:
sheridancollege.ca



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