

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

Bachelor of Engineering (Mechanical Engineering)

Our 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

Program Code: PBEMBP

Baccalaureate Degree

Program Code: PBENM

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

Baccalaureate Degree

Program Code: PBENMB



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.

Sheridan | Get Creative

* 2018 Key Performance Indicator (KPI) survey results produced by the Ontario Government, Colleges Ontario and student associations. Percentage shown reflects the average employer satisfaction across all Sheridan programs over the last five years.

[sheridancollege.ca](https://www.sheridancollege.ca)

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)

(Completing both Physics and Chemistry is recommended, but not required.)

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.

English Proficiency Test

All applicants whose first language is not English must meet Sheridan's English proficiency requirements.

Sheridan Degree Entrance Scholarship

Sheridan is pleased to provide an Entrance Scholarship to select applicants in this degree program. View Sheridan Degree Entrance Scholarship details for eligibility criteria and more.

Ministry Consent

Sheridan has been granted a consent by the Ministry of Training, Colleges and Universities to offer this degree for a seven-year term starting December 22, 2017 and subject to renewal thereafter. Application to the Ministry for renewal of the consent is a prescribed and cyclical requirement for degree programs at all Ontario colleges. Sheridan will ensure that all students admitted to the Bachelor of Engineering (Mechanical Engineering) program during the period of consent will have the opportunity to complete the program within a reasonable time frame. Credentials earned during the period of consent remain valid, even if Ministry consent to offer the program is withdrawn in the future. Prospective students are responsible for satisfying themselves that the program and the degree will be appropriate to their needs (e.g., acceptable to potential employers, professional licensing bodies or other educational institutions).

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



Facebook:
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