

Sheridan

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Mechanical Technician – Industrial Millwright

Ontario College Diploma | 2 years | Optional Coop
Davis Campus (Brampton)



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**Master the in-demand skills of
machine technology.**

Be set up for success by learning on state-of-the- art equipment

This 2-year program will give you the tools to succeed in the industrial millwright field. Learn how to build, install, maintain and repair complex machinery in factories and production facilities. Get hands-on experience with industry-standard equipment (rigging, hoisting, welding, CAD, hydraulics) and the know-how to analyze and troubleshoot emerging machinery that will become essential in the trades.

Future-proof your skills

Learn about emerging technology like robotics, CNC machining, computer-assisted drawing (CAD), programmable logic controllers (PLC) and diagnostics to stay ahead of industry needs. Mastering advanced computer skills alongside honing your leadership abilities, you'll be set to support employers through all aspects of the increasingly complex automated manufacturing industry.

Earn your apprenticeship hours

You have the option to pursue an additional one-year co-op, gaining the required on-the-job experience to become a Red Seal Industrial Mechanic Millwright. Enter the working world as a mechanical technician industrial millwright or level up towards certifications/apprenticeship.

Career opportunities

Millwrights are in high demand in Ontario and across Canada. Sheridan's Mechanical Technician – Industrial Millwright program provides a solid foundation for a promising career.

Here are some industries where you might work:

- Aerospace
- Automotive
- Pharmaceuticals
- Engineering
- Construction
- Manufacturing
- Natural resources
- Food processing

Courses

Some of the courses you can expect to take in your program

- Mechanical Manufacturing Processes
- Welding and Fabrication
- Quality Systems and Operations Management
- CNC for Machine Tools
- Computer Assisted Design for 3D Models
- Additive Manufacturing and Robotics

Admission requirements

Program eligibility

Ontario Secondary School Diploma or equivalent, with these required courses:

- English, Grade 11 (E, C or U)
- Math, Grade 11 (C, M or U)

OR

Mature student status

If you're at least 19 years old and missing any of the requirements above, you can meet these requirements by applying as a mature student. Mature students may be required to complete tests in English, math and/or science or take a FREE preparatory course through Sheridan's Academic Upgrading program.

Pre-admission testing and upgrading: Applicants who do not meet the admission requirements will be invited to complete pre-admission tests in mathematics and English to demonstrate proficiency.

Applicants lacking the mathematics admission requirement for this program may wish to upgrade their mathematics through Sheridan's FREE Academic Upgrading program prior to application.

Applicant selection

Eligible applicants will be selected based on their previous academic achievement (the average of their six highest senior-level credits, including required courses).

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.

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?

sheridancollege.ca/apply



International students

Find out more about...

- Post-graduation work permit (PGWP) eligibility
- Admission requirements
- English language proficiency requirements
- Fees and financial aid
- Provincial Attestation Letters (PALs)

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