

Mechanical Technician – CNC & Precision Machining

Ontario College Diploma | 2 years
Davis Campus (Brampton)



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Get the skills you need for an entry-level tool making or general machinist apprenticeship.

Career-ready training

In this four-semester program, you'll receive both classroom and lab/workshop instruction at our state-of-the-art tool making facility. After the third semester, you'll have the opportunity for on-the-job training through a co-op placement, where you'll develop in-depth tool making skills.

Graduate with a diploma and apprenticeship exemption

When you graduate from this program, you'll receive an Ontario College Mechanical Technician diploma. You may also get credit for levels 1 and 2 of your apprenticeship in-school training requirements as part of this program. This would give you a great advantage as you work towards completing your tool making or general machinist apprenticeship.

21st-century tool making

During the classroom and lab/workshop components of the program, you'll work with 21st-century tool making technology and equipment while becoming skilled in:

- Precision Machining
- Computer Numerical Control (CNC) programming
- Computer-Aided Manufacturing (CAM)
- Computer-Aided Drafting and Design (CADD)

Career opportunities

Sample manufacturing industries requiring graduates of this program:

- Aircraft industry
- Automobile industry
- Pattern Maker
- Metal fabrication industry
- Plastics industry
- Tool and die
- Mould making
- Machine shops

Courses

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

- Parametric Solid Modelling for Machining Trades
- Computer Aided Manufacturing
- CNC Setup and Machining
- Metrology for Tool Making
- Fluid Power
- Tool Making

Fees

Fees displayed are for the first 2 academic semesters and include tuition, health insurance and ancillary charges. These are estimates only; subject to change. See website for details.

For Canadian students

- \$4,863.58 CAD

For international students

- \$19,424.58 CAD

Admission requirements

Program eligibility

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

- One English, Grade 12 (ENG4C or ENG4U)
- or
- Mature student status.

Applicant selection

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.

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)

sheridancollege.ca/international