

## Mechanical Technician – CNC & Precision Machining



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Ontario College Diploma | 2 years  
Davis Campus (Brampton)



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

- \$5,158.87 CAD

## For international students

- \$19,223.87 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](https://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](https://sheridancollege.ca/international)