

94%

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

**Ontario College Diploma**

**Program Code: PMTTM**

Full-time | Davis Campus | 2 yrs (4 semesters)

FACULTY OF APPLIED SCIENCE & TECHNOLOGY

# Mechanical Technician – Tool Making

Gain a broad understanding of the tool making trade while building valuable hands-on experience.



The fast route to apprenticeship – and to a career in tool making.

## 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 may have the opportunity for on-the-job training, where you'll develop in-depth tool making skills and can potentially secure up to 2,000 hours of experience towards your apprenticeship.

## 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 your 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)

## 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 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.

# Career Opportunities

## HERE ARE SOME SAMPLE JOB TITLES FOR THIS PROGRAM:

CNC Machinist

Mould Maker

General Machinist

Pattern Maker

Industrial Mechanic (Millwright)

Tool and Die Maker

Machine Tool Builder and Integrator

# Courses

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

Trade Calculations

Trade Blue Print Reading

Computer Assisted Design for 3D Models

Cutter Paths & 3D Models

Precision Machining

CNC Machining

Note: See website for specific terms and course listings.

## More information



**Website:**  
[sheridancollege.ca](http://sheridancollege.ca)



**Facebook:**  
[facebook.com/sheridaninstitute](https://facebook.com/sheridaninstitute)



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