

ONTARIO YOUTH  
APPRENTICESHIP  
PROGRAM



**Computer Numeric  
Control Programmer,  
CNC Programmer/  
Operator, CNC  
Operator, Tool and  
Die Maker**

The York Catholic District School Board, the Ministry of Training, Colleges and Universities (MTCU), and Seneca College have joined forces to offer this opportunity for students to explore careers and learning in the manufacturing sector.

An Ontario Youth  
Apprenticeship Program

[www.ycdsb.ca](http://www.ycdsb.ca)  
[www.oyap.com](http://www.oyap.com)



**“your future... your choice”**



**Career**

**as a Computer Numeric  
Control Programmer,  
CNC Programmer/Operator,  
CNC Operator,  
Tool and Die Maker**

*This program combines instruction in high school and at Seneca College and provides a Cooperative Education placement in the manufacturing sector. It is offered in Semester Two and is open to students in their graduating year.*

A **Computer Numerical Control Programmer** programs robotic machines for automated production. A **tool and die maker** makes, repairs, and modifies custom-made prototype or special tools, dies, jigs, fixtures, or gauges and programs robotic machines for automated production.

**To qualify, YOU must:**

- Complete an Accelerated program application form and submit all required documents to a Guidance Counsellor or Cooperative Education teacher early in Semester One
- Be entering at least Grade 11 with 16 credits completed
- Have an interest in operating machinery to make precision items
- Be in good academic standing
- Demonstrate strong work habits and a positive attitude
- Have facility in mathematics and problem solving with competency in Grade 11/12 College Mathematics
- Be willing to arrange semester travel to Seneca College for daily afternoon classes Monday through Thursday

**Program components include:**

- A semester placement during the afternoons - Period 3 and Period 4 at Seneca College's Centre for Advanced Technologies, 21 Beverly Hills Drive, Toronto (near the junction of Hwy 400 and Hwy 401)

**Program Credits/Certification:**

- Successful students will earn **2 credits** in Manufacturing Engineering Technology (TMJ 4CS)
- Students have the opportunity to obtain advanced standing in one Seneca College credit subject (CNC101) in Manufacturing and Machining Techniques program
- Students have the option to follow this experience with college enrolment, employment, apprenticeship or other post-secondary options

*For more information, please see your Guidance  
Counsellor or Cooperative Education teacher.*

