

# OYAP Precision Metal Cutting Apprenticeship Program

Local employers from the manufacturing sector have identified a shortage of skilled labourers in the precision metal cutting trades – General Machinists, Tool & Die Makers, and Mould Makers.

To address this shortage and prepare today's youth for careers in manufacturing, local employers through the Ontario Youth Apprenticeship Program in partnership with the Simcoe County District School Board and Simcoe Muskoka Catholic District School Board are offering an OYAP Precision Metal Cutting Apprenticeship Program to students during the 2017-2018 school year.

## What is an OYAP Precision Metal Cutting (PMC) Apprenticeship Program?

The OYAP PMC Apprenticeship Program is a unique opportunity for 20 students from Simcoe County and Muskoka who have a genuine interest in pursuing a career in a precision metal cutting trade. Students selected to participate in the program will;

- become registered apprentices
- gain on-the-job training hours
- complete the first level of in-school apprenticeship training through Georgian College in Barrie, Ontario.

### IMPORTANT DATES:

**TUESDAY, MARCH 7, 2017**

Parent Information Session – Holiday Inn, Barrie

**THURSDAY, MARCH 9, 2017**

Parent Information Session - Midland Cultural Centre, Midland

**WEDNESDAY, APRIL 12, 2017**

Application Deadline

**WEDNESDAY, APRIL 26, 2017**

PMC Interviews



## PRECISION METAL CUTTING Apprenticeship Program

For more information contact:

Wade Tower

OYAP Coordinator

Simcoe Muskoka Catholic District School Board

(705) 722-3555 ext. 281

wtower@smcdsb.on.ca

Sarah Kekewich

OYAP Coordinator

Simcoe County District School Board

(705) 734-6363 ext. 11342

skekewich@scdsb.on.ca

The OYAP PMC Apprenticeship Program is proudly sponsored by these members of the **Manufacturing Advisory Committee**



North Simcoe Tool



BETA TECH  
PRECISION TOOLS AND SUPPLIES



# PRECISION METAL CUTTING Apprenticeship Program



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



## Who can participate?

To be eligible for the program students must:

- be entering grade 12 in September 2017;
- have a minimum of 70% in grade 11 college or university math;
- have taken or be enrolled in a grade 12, college or university math;
- be enrolled in a 4 credit cooperative education program in second semester, 2018; and,
- have an interest in pursuing a career in a precision metal trade.

Special consideration will be given to students who have had relevant experience in manufacturing through a cooperative education placement, part time work and/or technology education courses.

## How do I apply?

To apply for the OYAP PMC Apprenticeship Program, students must submit an application package. The application package must include;

- a cover letter outlining interest in the OYAP PMC Apprenticeship Program
- a current resume with details of relevant experience and/or courses
- two letters of recommendation (one teacher and one community reference)
- current transcript and attendance summary

**Application packages must be submitted to the attention of the Manufacturing Advisory Committee by Wednesday, April 12, 2017.**

### Application packages can be sent to:

Wade Tower  
OYAP Coordinator  
Simcoe Muskoka Catholic  
District School Board  
46 Alliance Blvd., Barrie,  
Ontario L4M 5K3  
wtower@smcdsb.on.ca

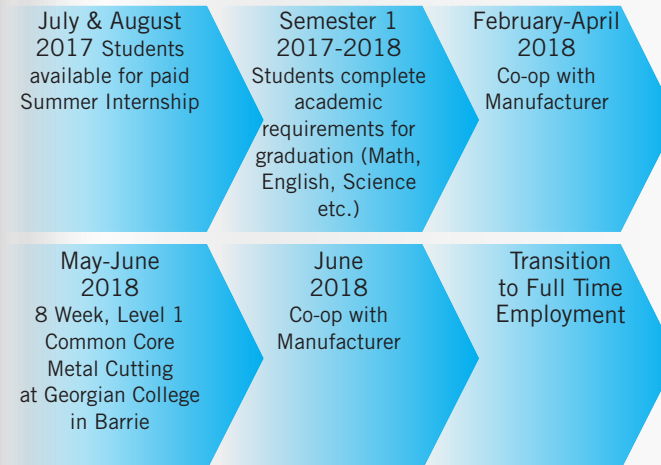
Sarah Kekewich  
OYAP Coordinator  
Simcoe County  
District School Board  
1170 Hwy 26 West, Midhurst,  
ON L0K 1X0  
skekewich@scdsb.on.ca

## How are students selected?

The Manufacturing Advisory Committee (MAC) will review all applications and select suitable students for an interview. The interview will consist of the following elements;

TASK	DESCRIPTION	VALUE
Written Exam	30 minute math and science test to evaluate academic readiness for apprenticeship training	40%
Interview	Formal interview conducted by employers to determine candidate suitability	40%
Dexterity	Timed dexterity challenge to assess hand eye coordination	20%

## PROGRAM TIMELINES:



## What is a General Machinist?

A general machinist is a skilled tradesperson who sets up and operates precision metal cutting and grinding machines such as lathes, milling machines, drills, shapers, boring mills and grinders. A machinist may use this variety of equipment to manufacture, install, operate, adjust and repair machine tools and other machines in common use.  
**Duration of Apprenticeship:** 7280 hours  
**Trade School:** 3 x 8 weeks (Basic, Intermediate & Advanced)  
**Red Seal:** Yes

## What is a Tool and Die Maker?

A Tool and Die Maker is a skilled tradesperson who makes, repairs and modifies custom made, prototype or special tools, dies, jigs, fixtures and gauges to very specific and precise dimensions. The work involves the operation of lathes, grinders, milling and boring machines.  
**Duration of Apprenticeship:** 7280 hours  
**Trade School:** 3 x 8 weeks (Basic, Intermediate & Advanced)  
**Red Seal:** Yes

## What is a Mould Maker?

Mould Makers design, make and repair moulds and models used in industry to mass-produce plastic or metal components and products. Mould Makers may use hand-molding techniques for small quantities of items but will often use computer and industrial technology to produce large numbers of identical items. Mould Makers may also specialize in one of the following areas: as small casting, medium size casting, or larger size casting molders.  
**Duration of Apprenticeship:** 7280 hours  
**Trade School:** 3 x 8 weeks (Basic, Intermediate & Advanced)  
**Red Seal:** No