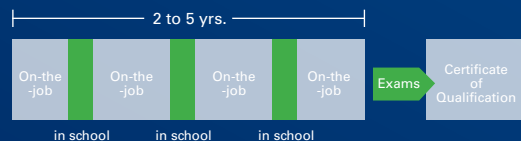


What is Cooperative Education (Co-op)?

Cooperative education (Co-op) courses can be 1 to 4 credits in duration and are linked to related curriculum courses in any subject. Participating students have the opportunity to “test drive” potential career choices and gain valuable work experience. Each student has a personalized placement learning plan (PPLP) which provides an individualized framework for this learning opportunity. While students spend most of their time at the work placement, they do complete an in-school pre-placement session and participate in integration days throughout the semester. Up to 2 Co-op credits can be counted towards compulsory graduation requirements.

What is Apprenticeship?

Apprenticeship is a post-secondary education pathway. An employer uses training standards provided by the Ministry of Training, Colleges and Universities (MTCU) to ensure that an apprentice becomes competent. On-the-job training comprises about 90% of the apprenticeship. All apprentices attend in-school sessions, usually offered by Colleges of applied arts and technology and/or other approved delivery agents (e.g. unions). Once both the in-school and on-the-job educational components have been satisfied, apprentices must pass examinations in order to receive a Certificate of Qualification. The following time line represents a typical apprenticeship.



What is OYAP?

An Ontario Youth Apprenticeship Program (OYAP) student is a student who is earning cooperative education credits for work experience in an apprenticeship occupation. The student may or may not be formally registered as an apprentice while attending secondary school. Refer to the Apprenticeship in Ontario chart for the complete list of apprenticeship programs.

Who can participate in OYAP?

All students participating in OYAP must:

- be at least 16 years old;
- have completed 16 credits towards the Ontario Secondary School Diploma (OSSD) prior to starting the program;
- be enrolled as a full-time student during the program;
- be working towards the completion of all OSSD requirements.

How do you apply for OYAP?

Students must follow their school's Cooperative Education application process for OYAP. All other requirements for the Co-op program must be met (i.e. you must have earned or be earning a credit in a related secondary school course). Interested students should meet with their Guidance Counsellor or your Co-op teacher.

For more information on the **Ontario Youth Apprenticeship Program**, contact your school's Guidance or Cooperative Education Department. You can also visit www.oyap.com

**EMPLOYMENT
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This brochure is endorsed by the OYAP Coordinators' Provincial Affiliation (OCPA).

OYAP is funded by the Ontario Government.



APPRENTICESHIP IN ONTARIO

Legend:

- ✎ Compulsory Trade
- ✎ Voluntary Trade
- ✎ Unrestricted Trade
- 🔒 Restricted Trade
- 🔒 Red Seal Program

TQAA: Trades Qualification and Apprenticeship Act

- » Regulates Construction sector only (some exceptions).
- » Must be a minimum of 16 years old.
- » Minimum of Grade 10 required (Grade 8 for Brick & Stone Mason, Cement Mason and Drywall Finisher & Plasterer).
- » Training is 90% on-the-job and 10% in-school.
- » The TQAA makes certain trades compulsory, meaning that only an apprentice or a certified journeyman may practice that

trade. While students are earning cooperative education credits as part of OYAP they are exempt from this rule. However, if students are working outside the hours specified in their Work Education Agreements, they must be registered apprentices.

- » Voluntary trades may be practised without registering as an apprentice.



Construction Sector

- ✎ Architectural glass and metal technician
- ✎ Brick and stone mason
- ✎ Cement (concrete) finisher
- ✎ Cement mason
- ✎ Concrete pump operator (ACA trade)
- ✎ Construction boilermaker
- ✎ Construction craft worker (ACA trade)
- ✎ Construction millwright
- ✎ Drywall, acoustic & lathing applicator
- ✎ Drywall finisher & plasterer
- ✎ Electrician
 - » Construction & maintenance
 - » Domestic & rural
- ✎ Exterior insulated finishing systems mechanic (ACA trade)
- ✎ Floor covering installer
- ✎ General carpenter
- ✎ Hazardous materials worker (ACA trade)
- ✎ Heat & frost insulator
- ✎ Heavy equipment operator:
 - » Dozer
 - » Excavator
 - » Tractor loader backhoe (ACA trades)
- ✎ Hoisting engineer:
 - » Mobile crane operator, Br. 1
 - » Mobile crane operator, Br. 2
 - » Tower crane operator
- ✎ Ironworker
 - » Generalist
 - » Structural & ornamental
- ✎ Native residential construction worker (ACA trade)
- ✎ Painter & decorator:
 - » Commercial & residential
 - » Industrial
- ✎ Plumber
- ✎ Powerline Technician
- ✎ Precast concrete erector
- ✎ Precast concrete finisher
- ✎ Refrigeration & air conditioning systems mechanic
- ✎ Residential air conditioning systems mechanic
- ✎ Reinforcing rod worker
- ✎ Restoration mason
- ✎ Roofer
- ✎ Sheet metal worker
- ✎ Sprinkler & fire protection installer
- ✎ Steam fitter
- ✎ Terrazzo, tile & marble setter
- ✎ Water meter installer (ACA trade – restricted skill set)

Industrial Sector

- ✎ Aircraft maintenance engineer
- ✎ Bearings mechanic
- ✎ Blacksmith
- ✎ Cabinetmaker
- ✎ CNC programmer (C of Q req'd)
- ✎ Composite structures technician
- ✎ Die designer (C of Q req'd)
- ✎ Draftsperson:
 - » Mechanical
 - » Plastic mould design
 - » Tool & die design
- ✎ Electric motor systems technician
- ✎ Electrical control (machine) builder
- ✎ Electrician – signal maintenance (TTC)
- ✎ Entertainment industry power technician
- ✎ Elevating devices mechanic
- ✎ Facilities mechanic
- ✎ Facilities technician
- ✎ Fitter – assembler (motor assembly)
- ✎ Fitter welder
- ✎ General machinist
- ✎ Hydraulic / pneumatic mechanic
- ✎ Industrial electrician
- ✎ Industrial mechanic millwright
- ✎ Instrumentation and control technician
- ✎ Light rail overhead contact systems linesperson (TTC)
- ✎ Locksmith
- ✎ Machine tool builder & integrator
- ✎ Metal fabricator (fitter)
- ✎ Mould designer (C of Q req'd)
- ✎ Mould or die finisher
- ✎ Mould maker
- ✎ Optics technician (lens & prism maker)
- ✎ Packaging machine mechanic
- ✎ Pattern maker
- ✎ Precision metal fabricator
- ✎ Pressure systems welder (C of Q req'd)
- ✎ Process operator
 - » Power
 - » Refinery chemical & liquid processes
 - » Food manufacturing
- ✎ Pump systems installer
- ✎ Relay & instrumentation technician
- ✎ Railway car technician
- ✎ Roll grinder / turner
- ✎ Saw filer/fitter
- ✎ Ski lift mechanic
- ✎ Surface blaster
- ✎ Surface mount assembler
- ✎ Thin film technician
- ✎ Tool & cutter grinder
- ✎ Tool & die maker
- ✎ Tool & gauge inspector
- ✎ Tool/tooling maker
- ✎ Tractor trailer commercial driver
- ✎ Water well driller
- ✎ Welder



Note: the trades listed on this chart are currently either ACA or TQAA programs. Additional apprenticeships referred to as modular apprenticeships are also available. For further information and apprentice registration, contact your local Apprenticeship Office. This chart is current as of July 2010.

ACA: Apprenticeship Certification Act

- » Regulates, Industrial, Motive Power & Services sectors.
- » Must be a minimum of 16 years old.
- » Minimum of grade 12 required (Grade 10 for Assistant Cook Br. 1, Auto body Repairer Br.2 and Construction Craft Worker).
- » Training is 90% on-the-job and 10% in-school.
- » Restricted trades have restricted skill sets, which may be practised only by certified journeymen or registered

apprentices. While students are earning cooperative education credits as part of OYAP they are exempt from this rule. However, if students are working outside the hours specified in their Work Education Agreements, they must be registered apprentices.

- » Unrestricted trades and skill sets may be practised without registering as an apprentice.

Motive Power Sector

- ✎ Agricultural equipment technician
- ✎ Alignment & brakes technician
- ✎ Auto body & collision damage repairer – Br. 1
- ✎ Auto body repairer – Br. 2
- ✎ Automotive electronic accessory technician
- ✎ Automotive glass technician
- ✎ Automotive painter
- ✎ Automotive service technician
- ✎ Heavy-duty equipment technician
- ✎ Marine engine technician
- ✎ Motive power machinist
- ✎ Motorcycle technician
- ✎ Parts technician
- ✎ Powered lift truck technician
- ✎ Recreational vehicle technician
- ✎ Small engine technician
- ✎ Tire, wheel & rim mechanic
- ✎ Transmission technician
- ✎ Truck & coach technician
- ✎ Truck trailer service technician
- ✎ Turf equipment technician



Service Sector

- ✎ Aboriginal early childhood educator
- ✎ Agricultural – Dairy herdsman
- ✎ Agricultural – Fruit grower
- ✎ Agricultural – Swine herdsman
- ✎ Appliance service technician
- ✎ Arborist
- ✎ Baker
- ✎ Baker – pâtissier
- ✎ Chef
- ✎ Child & youth worker
- ✎ Cook – assistant – Br. 1
- ✎ Cook – Br. 2
- ✎ Developmental services worker
- ✎ Early childhood educator
- ✎ Early childhood educator – inclusion practices
- ✎ Education assistant
- ✎ Electronic service technician
- ✎ Gemsetter/goldsmith
- ✎ Hairstylist
- ✎ Hardware, lumber & building materials retailer
- ✎ Horse groom
- ✎ Horse harness maker
- ✎ Horticultural technician
- ✎ Information technology:
 - » Hardware technician
 - » Network technician
- ✎ IT contact center:
 - » Technical support agent
 - » Inside sales agent
 - » Customer care agent
- ✎ Microelectronics manufacturer
- ✎ Native clothing & crafts artisan
- ✎ Network cabling specialist
- ✎ Pool, hot tub & spa installer
- ✎ Pool, hot tub & spa service technician
- ✎ Retail meat cutter
- ✎ Saddlery
- ✎ Special events coordinator
- ✎ Utility arborist
- ✎ Wooden boat rebuilder/repairer



Red Seal Program

The Red Seal or Interprovincial Standards Program allows for greater mobility of skilled workers across Canada. Currently there are 41 'Red Seal' trades.

For more information on the Red Seal Program, visit:
<http://www.red-seal.ca>

