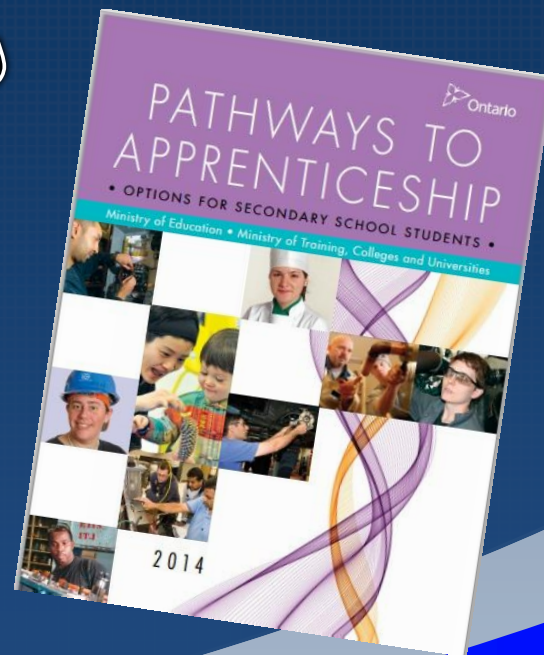


“Pathways to Apprenticeship”



Janet Davis

Did you Know....

Skilled trades people have a huge impact on our daily lives.

Just think about it...



Your home...

...was built by many trades people, including:



Your vehicle...

...was made and is repaired by trades people, including:



Your school...

...was made by hundreds of trades people, including:



Labour Market... 2014

ECONOMY

TRENDING

[Oil Prices](#) | [Apple Inc](#) | [Warren Buffett](#) | [BlackBerry](#) | [Earnings](#) | [Housing Market](#)

Canada's coming economic headache: A serious shortage of skilled workers

CLARE CLANCY, CANADIAN PRESS | June 25, 2014 | Last Updated: Jun 25 3:32 PM ET

NP

More from Canadian Press



Skilled Trades people

Cabinet Installer

California Closets -
\$15 an hour
Serving "

Inst

Ea
30+

Pastry Ap

Hyatt - To

App
Eurosp

Credenti

Industrial

Easily appl

Canadian Jo

Millwright

Corste

Lo

dr

Eas

Tool and die maker apprentice

Eurospec ★★★★★ 2 reviews - Newmarket, ON

Credentials (certificates, licences, memberships, courses, etc.). Jo

Tool and Die Maker Trade Certification

Easily apply

Canadian Job Bank - 18 hours ago - [save job](#) - [more...](#)

Junior Press Operator Apprentice

gPrint - Brampton, ON

Seeking individual to train on ABDick 360 Press and other print sho

options available. Reply with wage expectations and hours

Easily apply

18 days ago - [save job](#) - [more...](#)

Distribution System Technologist Apprentices

Toronto Hydro ★★★★★ 20 reviews - Toronto, ON

Problem Solving - Takes into account all relevant information when

Consideration given to 309A/442A Electrician (Red Seal) certificatio

Toronto Hydro Corporation - 30+ days ago - [save job](#) - [more...](#)

What skills are needed to be SUCCESSFUL?

- Good literacy
- Mathematical and analytical skills
- Ability to solve problems
- Good communication skills
- Aptitude for technology
- Creativity and imagination
- Attention to detail
- Coordination and dexterity
- Visualization of the end product

**Most
importantly...
you need
PASSION
for your trade!**

Skilled Trades offer Viable and Well Paid Careers

- Trades people can earn excellent salaries depending on the trade, location, and desire to work
- Challenging and skilled work is needed to be successful
- Apprentices who become a journeyperson will have the opportunity to own their own successful business.



**SUCCESS will depend on
GOOD WORK ETHIC, QUALITY SKILLS,
and a GREAT ATTITUDE...**

An Excellent Post-Secondary Option

Apprenticeship

- ❖ Apprenticeship is a form of post-secondary education like university or college...but there is MORE!
- ❖ Apprentices learn skills in a classroom, AND receive paid, on-the-job training with an employer:
 - Apprentices spend 40-44 weeks a year on the job and go to school 6-8 weeks.
 - An apprenticeship takes 2-5 years to complete.
 - Apprentices earn a salary on the job from the first day.
 - Apprentices receive a ***Certificate of Qualification*** in a designated trade.





What is an Apprentice?

- **Apprenticeship** is a post secondary option that combines on-the-job training with technical in-class training to become a highly skilled tradesperson.
- An **apprentice** is someone who is learning a trade and has a formal training contract with a sponsor.
- The contract is called a **Registered Training Agreement**.
- A **sponsor** is the person, group, or organization responsible for providing the training experiences.
- A **journeyperson** is someone who is fully certified in their trade, can perform all the work in that trade without supervision, and can train new apprentices.

MORE ABOUT SKILLED TRADES

- **Ministry of Trades, Colleges and Universities (MTCU)**
- **Registered Training Agreement (RTA)**
- **Compulsory Trades** (only a registered apprentice or journey person may practice)
- **Voluntary Trades** (may be practiced without registering as an apprentice)
- **Red Seal Program** (Interprovincial Standards)
- **Training Delivery Agent** (College or other Training Delivery Facility)

SECTORS

- There are 150+ trades to CHOOSE from in Ontario!

Skilled Trades fall into the following categories:

- **Construction and Maintenance**
- **Motive Power (Transportation)**
- **Industrial**
- **Service**



On the JOB: Construction & Maintenance

Architectural Glass and
Metal Technician

Brick and Stone Mason

Cement (Concrete) Finisher

Concrete Pump Operator

Construction Boilermaker

Construction Craft Worker

Construction Millwright

Drywall Finisher and
Plasterer

Drywall, Acoustic and
Lathing Applicator

Electrician — Construction
and Maintenance▲

Electrician — Domestic and
Rural▲

Exterior Insulated Finish
Systems Mechanic

Hazardous Materials Worker

Heat and Frost Insulator

Heavy Equipment Operator — Dozer

Heavy Equipment Operator —
Excavator

Heavy Equipment Operator —
Tractor Loader Backhoe

Hoisting Engineer — Mobile Crane
Operator 1▲

Hoisting Engineer — Mobile Crane
Operator 2▲

Hoisting Engineer — Tower Crane
Operator▲

Ironworker — Generalist

Ironworker — Structural and
Ornamental

Native Residential Construction
Worker

Painter and Decorator —
Commercial and Residential

Painter and Decorator — Industrial
Plumber▲

Power line Technician

Precast Concrete Erector

Precast Concrete
Finisher

Refractory Mason

Refrigeration and Air
Conditioning Systems
Mechanic▲

Reinforcing Road
worker

Residential (Low Rise)

Sheet Metal Installer▲

Residential Air
Conditioning Systems
Mechanic▲

Restoration Mason
Roofer

Sheet Metal Worker▲

Sprinkler and Fire
Protection Installer

Steamfitter▲

Terrazzo, Tile and
Marble Setter

On the JOB: Motive Power

- Agricultural Equipment Technician
- Alignment and Brakes Technician▲
- Auto Body and Collision Damage Repairer▲
- Auto Body Repairer▲
- Automotive Electronic Accessory Technician▲
- Automotive Glass Technician
- Automotive Painter
- Automotive Service Technician▲
- Fuel and Electrical Systems Technician▲
- Heavy Duty Equipment Technician
- Marine Engine Technician
- Motive Power Machinist
- Motorcycle Technician▲
- Powered Lift Truck Technician
- Recreation Vehicle Technician
- Small Engine Technician
- Tire, Wheel and Rim Mechanic
- Transmission Technician▲
- Truck and Coach Technician▲
- Truck-Trailer Service Technician▲
- Turf Equipment Technician

On the JOB: Industrial

- Bearings Mechanic
- Blacksmith
- Cabinetmaker
- Composite Structures Technician
- Computer Numerical Control (CNC) Programmer
- Die Designer
- Draftsperson — Mechanical
- Draftsperson — Plastic Mould Design
- Draftsperson — Tool and Die Design
- Electric Motor System Technician
- Electrical Control (Machine) Builder
- Electrician (Signal Maintenance)
- Elevating Devices Mechanic
- Entertainment Industry Power Technician
- Facilities Mechanic
- Facilities Technician
- Fitter — Assembler (Motor Assembly)
- General Machinist
- Hydraulic/Pneumatic Mechanic
- Industrial Electrician
- Industrial Mechanic Millwright
- Instrumentation and Control Technician
- Light Rail Overhead Contact Systems Linesperson
- Locksmith
- Machine Tool Builder and Integrator
- Metal Fabricator (Fitter)
- Mould Designer
- Mould Maker
- Mould or Die Finisher
- Optics Technician (Lens and Prism Maker)
- Packaging Machine Mechanic
- Pattern Maker
- Precision Metal Fabricator
- Pressure Systems Welder
- Process Operator — Food Manufacturing
- Process Operator — Power
- Process Operator — Refinery,
- Chemical and Liquid Processes
- Process Operator — Wood Products
- Pump Systems Installer
- Railway Car Technician
- Relay and Instrumentation Technician
- Roll Grinder/Turner
- Saw Filer/Fitter
- Ski Lift Mechanic
- Surface Blaster
- Surface Mount Assembler
- Thin Film Technician
- Tool and Cutter Grinder
- Tool and Die Maker
- Tool and Gauge Inspector
- Tool/Tooling Maker
- Tractor-Trailer Commercial Driver
- Water Well Driller
- Welder

On the JOB: Service

- Aboriginal Child Development Practitioner
- Agricultural — Dairy Herdsman
- Agricultural — Fruit Grower
- Agricultural — Swine Herdsman
- Appliance Service Technician
- Arborist
- Assistant Cook
- Baker
- Baker-Pâtissier
- Chef
- Child and Youth Worker
- Child Development Practitioner
- Cook
- Developmental Services Worker
- Educational Assistant
- Electronic Service Technician
- Gem setter/Goldsmith
- Hairstylist ▲
- Hardware, Lumber and Building Materials Retailer
- Horse Groom
- Horse Harness Maker
- Horticultural Technician
- Information Technology — Contact Centre Customer Service Agent
- Information Technology — Contact Centre Sales Agent
- Information Technology — Contact Centre Technical Support Agent
- Information Technology — Hardware Technician
- Information Technology — Network Technician
- Institutional Cook
- Micro Electronics Manufacturer
- Native Clothing and Crafts Artisan
- Network Cabling Specialist
- Parts Technician
- Pool, Hot Tub and Spa — Installer
- Pool, Hot Tub and Spa — Service Technician
- Retail Meat Cutter
- Saddler
- Special Events Coordinator
- Utility Arborist
- Wooden Boat Rebuilder

STEPS to become an apprentice?

FINISH HIGH SCHOOL



FIND A TRADE THAT SUITS YOU



FIND AN EMPLOYER TO HIRE YOU



REGISTER with MTCU/OCOT

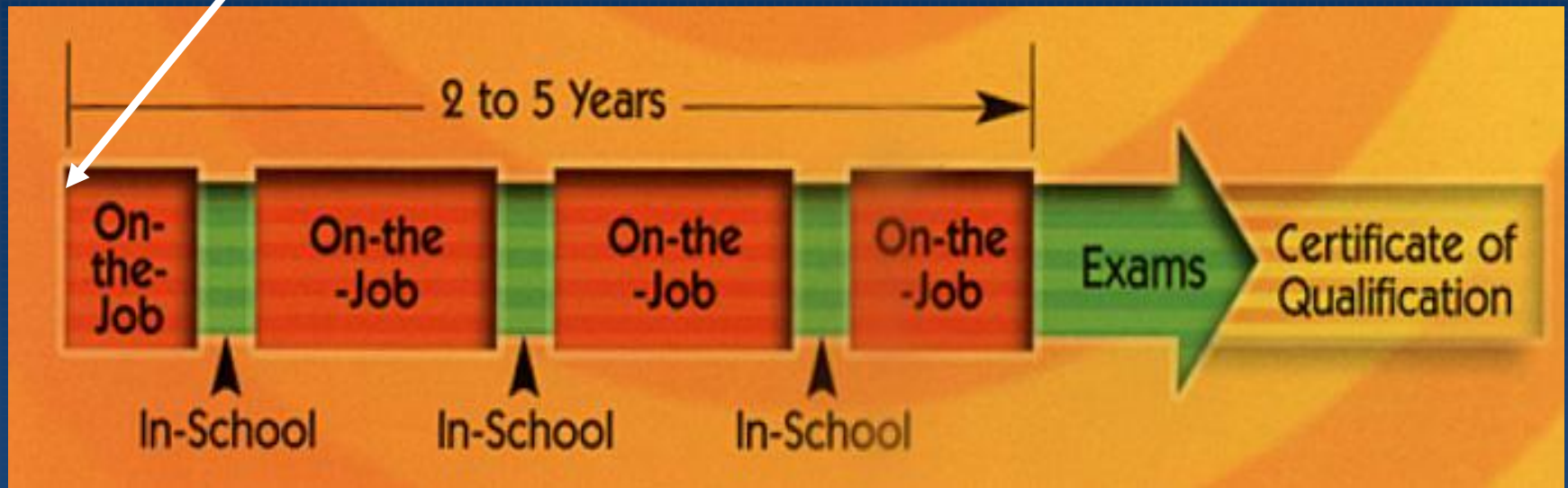


Complete 2-5 years training and in-school, write exams!



A regular apprentice
would begin here after
high school

And would sign a
'training agreement' with
a sponsor...



Starting Apprenticeship in High School

OYAP Student



Registered Apprentice



Accelerated Apprenticeship



Level One Apprentice

Benefits of Apprenticeship:

- Earn a salary while learning
- Receive personal training and mentorship on-the-job
- Minimize student debt
- Obtain employment insurance during in-school training
- Increased chances of obtaining a job immediately after training



College of Trades (OCOT)

- Membership in the College is required for any individuals wishing to engage in apprenticeship programs or hold a Certificate of Qualification (C of Q).
- Practicing in a compulsory trade **requires** membership in the College.
- Individuals working in voluntary trades can **choose** to become members of the College.

So many options...

*I can become
a master
journeyperson.*

*I can become a
supervisor or
manager.*

*I can become a
business
owner!*

*I can represent
my trade in a
business, trade
or labour group.*

*I can become a
trade instructor.*



Kevin, 23

***HVAC Journeyman, Gas Fitters II License
Business Owner!***

FOR FURTHER INFO...

- Pathways to Apprenticeship Document:

<http://www.edu.gov.on.ca/eng/policyfunding/memos/oct2014/pathwaysOption.pdf>

- For a full list of trades:

<http://www.collegeoftrades.ca/about/trades-in-ontario>

- Creating Pathways to Success: Education and Career/Life Planning

www.edu.gov.on.ca/eng/document/policy/cps/index.html

- Ministry of Training College and Universities:

www.tcu.gov.on.ca/eng/apprentices/app_train.html

- OSCA – What's Next Guide

<https://www.osca.ca/en/students/2013-11-07-06-58-16/what-s-next-guide-2.html>

- Research on Math in the Trades

<https://sites.google.com/site/workplacehsmath2college/home>

- Apprentice Search

<http://www.apprenticesearch.com/>