

A yellow CASE excavator is shown in profile, working on a large pile of dark, rich soil. The excavator's arm is extended, and its bucket is positioned over the soil. The background is a clear, bright blue sky. The text "CASE" is visible on the excavator's arm and body. Another excavator is partially visible on the right side of the frame.

**Conestoga
College**

**Trades and
Apprenticeships**

What is an apprenticeship ?



- on-the-job training program for people who want to pursue a career in the skilled trade. About 90 percent of apprenticeship training occurs in the workplace under the supervision of skilled trades people, while the remainder involves classroom instruction, usually at a post-secondary institution.
- Apprenticeship involves a contract between a person who wants to learn trade-related skills and an employer who needs a skilled tradesperson. The person must be employed to begin an apprenticeship and the employer must agree to apprentice the person in a trade. Apprentices earn while they learn. It is a contract between the employer, apprentice and the government

Finding an Employer

Traditionally an apprenticeship is done by going out and finding an employer who will take you on as an apprentice it is an agreement between yourself, the company and the ministry and they take anywhere from 3-5 years depending on the trade.

It is a combination of on the job hours(90%) and some in school portions (10%).

Finding an employer can sometimes be difficult especially if you have no experience in the trade you are interested in. It is a lot of time and money that a company invests in an apprentice so they want to make sure you have tried it and know what you are getting into. Companies very rarely advertise that they are looking for an apprentice. It is proving yourself as a good employee first with the intention of starting an apprenticeship.

Conestoga College has lots of great hands on programs designed to help get you into a trade, by giving you hands on experience.





Skills Gap: Canada is facing a serious skilled labour shortage

Globe and mail: shortage of one million trades people by 2020

Ontario is losing out on as much as 24.3\$ billion in economic activity annually because employers can not find skilled workers.

4 sectors

Motive Power



Construction



Industrial

Service



Trade Sector by Campus



GUELPH CAMPUS
Motive Power Sector

WATERLOO CAMPUS
Construction Sector

Service Sector (Hospitality/Culinary)



DOON CAMPUS
Industrial Sector
Woodworking

CAMBRIDGE CAMPUS
Industrial Sector

INGERSOLL
Powerline Technician



Construction Trades offered at the Waterloo campus

Certificate Programs:

- **Construction Techniques- Carpentry**
- **Construction Techniques- rotation**
- **Drywall Fundamentals**
- **Brick and Stone Fundamentals**
- **Mechanical Techniques-Plumbing**
- **Roofing Fundamentals**



Construction Trades offered at the Waterloo campus

Diploma:

- **Heating Refrigeration and Air Conditioning**
- **Renovation Technician**
- **Electrical Technician-Industrial Co-op**
- **Powerline Technician Co-op *Ingersoll***

Pre-Apprenticeship Programs:

- **Women in Skilled trades**

Shop Pictures



Motive Power Trades offered at the Guelph campus

Certificate Programs:

- **Heavy Equipment Operator**
- **Motive Power Fundamentals**



Motive Power Trades offered at the Guelph campus

Dual Credential

Apprenticeship/Certificate:

Motive Power Fundamentals:

Automotive Service

Motorcycle and Power Sport Vehicles

Truck and Coach

**Truck and Coach- International
Technical Education programs (ITEP)**

- **Heavy Equipment Techniques**
- **Recreational Vehicle Technician**



Motive Power Trades Programs offered at Guelph

Diploma Programs:

- Motive Power Technician-Automotive Service**
- Motive Power Technician-Heavy Duty Equipment**
- Motive Power Technician-Motorcycle and Power Sport Vehicles**
- Motive Power Technician- Truck and Coach**

Industrial Trades

Electro-Mechanical Maintenance (Co-op)

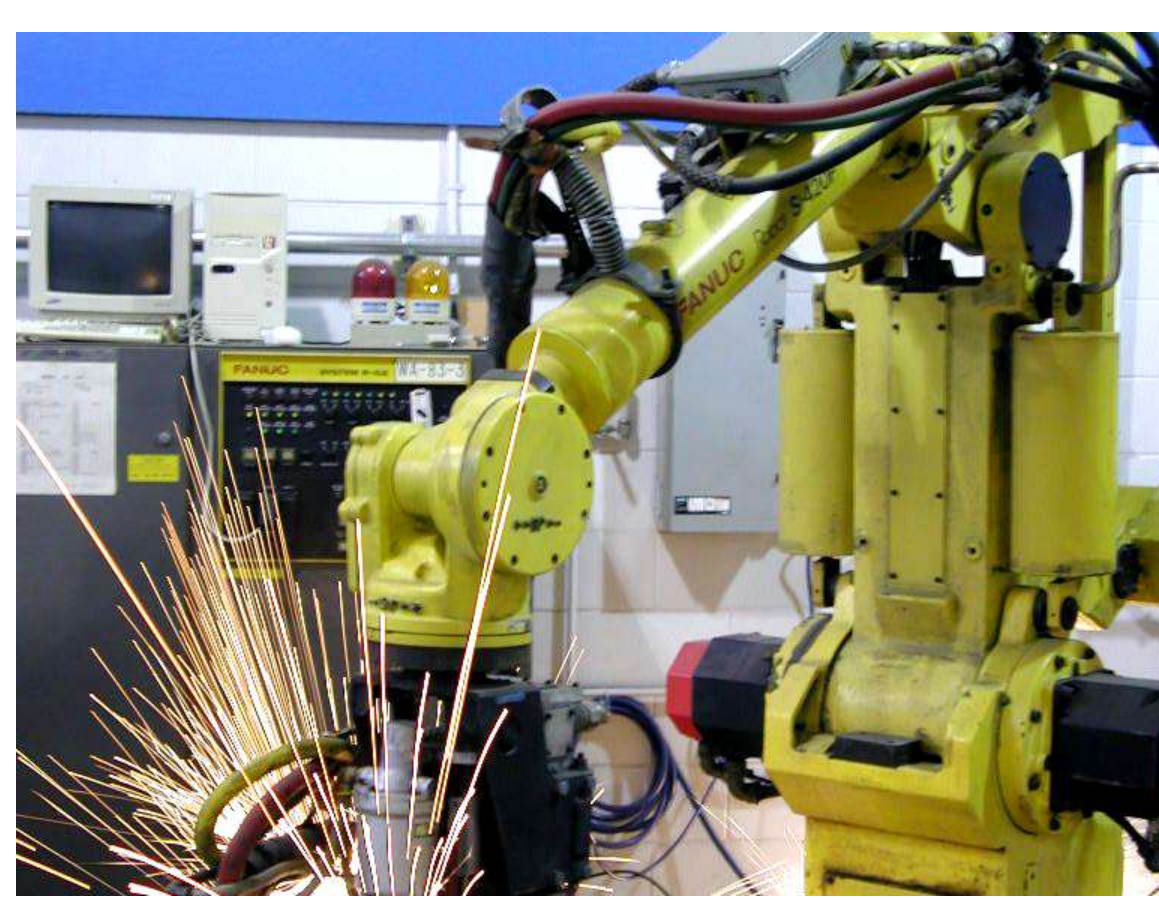
Mechanical Technician - General Machinist (Co-op) non co-op option

Mechanical Technician - Tool and Die/Tool Maker (Co-op) non co-op option

Mechanical Techniques - CNC Setup

Mechanical Techniques - Millwright (Co-op)

Welding Techniques



School of Trades and Apprenticeship

Thank you

**If you have further information please
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CONESTOGA
College of Applied Arts and Technology