



SKILLEDTRADES

A CAREER YOU CAN BUILD ON.

Exploring Skilled Trades & Apprenticeship

Canada

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Government of Canada's Sector Council Program



Do you WANT ...

- *Respect?*
- *Opportunity?*
- *Good Pay?*



**What about a career in
SKILLED TRADES?**

Did you Know...

Skilled tradespeople have a huge impact on our daily lives.

Just think about it...



Your home...

...was built by many tradespeople, including:



Your vehicle...

...was made and is repaired by tradespeople, including:

**Metal
Fabricators**

**Automotive
Machinists**

**Power
System
Electricians**

**Automotive
Electrical
Technicians**

Partspersons

**Automotive
Glass
Technicians**

**Auto Body
Repairers**

**Automotive
Painters**

**Automotive
Service
Technicians**



Your school...

...was made by hundreds of tradespeople, including:



Skilled Tradespeople have OPPORTUNITY!

Skills shortages are already being experienced in some sectors and regions

THE GLOBE AND MAIL
CANADA'S NATIONAL NEWSPAPER • FOUNDED 1854

Wanted:
More skilled
labour
and quick

**"Trades keen to attract
more young people"**

Aug. 12, 2005

"Get in line!"
(Sept. 2004)

*Skilled Tradespeople are in **DEMAND!***

- The Conference Board of Canada predicts that 1 million skilled workers will be needed by 2020.
- 48% of the workforce will be eligible to retire in the next 5 – 10 years.
- In the manufacturing sector, 400,000 workers will be needed due to retirement.



*Skilled Tradespeople Earn **GREAT PAY!***

Skilled Trades are REWARDED!

- Tradespersons earn salaries that are approximately 3.1% above the average of all the careers combined in Canada.¹
- Tradespeople can earn excellent salaries depending on the trade, location, and desire to work!
- Apprentices who become a journeyperson will have the opportunity to own their own successful business.

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




¹ Statistic Canada, 2001 Census

Skilled Trades

A CAREER, Not Just a Job



What is a SKILLED TRADE?

- 
- Skilled trades are everywhere and directly impact our quality of life.
 - Skilled Trades fall into the following categories:
 - Construction and Maintenance
 - Transportation
 - Manufacturing
 - Service

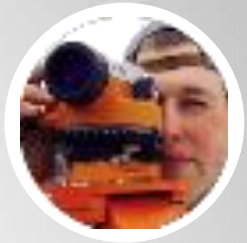


There are over 200 trades to CHOOSE from!

Myths & REALITIES: Setting the Record Straight

1

MYTH Skilled trades are not for students that get good grades.



REALITY!

- This is simply not true and is probably the most common misperception about skilled trades.
- The reality is that skilled trades require individuals with a strong academic foundation in reading and writing, math, and sciences.

Myths & REALITIES: Setting the Record Straight



2

MYTH University is the only path to a good career.



REALITY!

- Achieving a Certificate of Qualification for a skilled trade is also a ticket to a good future, given the high demand, good pay, and travel opportunities involved.
- There are also many chances for advancement within a trade from supervisory positions, to management positions, to the possibility of owning your own business.

Myths & REALITIES: Setting the Record Straight

3

MYTH Skilled trades are dirty, noisy and physically demanding.

REALITY!

- There is no doubt that many trades involve “hands-on” work.
- But this is why many people work in trades in the first place! For many, this type of work is far more rewarding than a job that requires a lot of desk work.



Myths & REALITIES: Setting the Record Straight

4

MYTH Jobs in the trades are dead-end jobs.



REALITY!

- Skilled trades offer not just jobs, but careers!
- There are many chances for advancement within a trade from supervisory positions, to management positions, to the possibility of owning your own business.
- The level of advancement is up to the capability and desire of the tradesperson.

Myths & REALITIES: Setting the Record Straight

5

MYTH Women do not have the physical strength to perform skilled trades.

REALITY!

- Physical work does not solely imply strength. In fact, skilled trades require dexterity, stamina, good hand-eye coordination and balance – all attributes that women equally possess along with men.



On the JOB: Construction & Maintenance

- 
- Blaster
 - Boilermaker
 - Bricklayer
 - Cabinetmaker
 - Carpenter
 - Cladder
 - Communications Electrician (Construction Craft)
 - Concrete Finisher
 - Construction Craft Labourer
 - Construction Electrician
 - Construction Lineman
 - Electrician (Domestic and Rural)
 - Floorcovering Installer
 - Gasfitter - First Class
 - Glazier
 - Heavy Duty Equipment Technician
 - Heavy Equipment Operator
 - Hoist Operator
 - Industrial Electrician
 - Industrial Instrument Mechanic
 - Insulator (Heat and Frost)
 - Ironworker
 - Locksmith Services
 - Metal Fabricator (Fitter)
 - Mobile Crane Operator
 - Oil Burner Mechanic
 - Painter and Decorator
 - Plasterer
 - Plumber
 - Powerline Technician
 - Power System Electrician
 - Power System Operator
 - Refrigeration and Air Conditioning Mechanic
 - Roofer
 - Sawfiler/Fitter
 - Sheet Metal Worker
 - Small Engine and Equipment
 - Mechanic
 - Sprinkler System Installer
 - Steamfitter/Pipefitter
 - Tilesetter
 - Water Well Driller
 - Welder

On the JOB: Transportation

- **Agricultural Equipment Technician**
- **Aircraft Maintenance Engineer**
- **Auto Body Repairer**
- **Automotive Electrical Technician**
- **Automotive Glass Technician**
- **Automotive Painter**
- **Automotive Service Technician**
- **Heavy Duty Equipment Technician**
- **Heavy Equipment Operator**
- **Inboard/Outboard Mechanic**
- **Motor Vehicle Body Repairer (Metal and Paint)**
- **Motorcycle Mechanic**
- **Parts person**
- **Recreation Vehicle Service Technician**
- **Small Engine and Equipment Mechanic**
- **Transport Refrigeration Mechanic**
- **Transport Trailer Technician**
- **Truck and Transport Mechanic**

On the JOB: Manufacturing

- 
- **Automotive Machinist**
 - **Graphic Arts (Bindery)**
 - **Graphic Arts (Pre-Press)**
 - **Graphic Arts (Press)**
 - **Heavy Equipment Operator**
 - **Hoist Operator - Construction**
 - **Hoist Operator (Conventional Crane)**
 - **Hoist Operator (Hydraulic Crane)**
 - **Hoist Operator (Mobile Crane - Tons)**
 - **Industrial Electrician**
 - **Industrial Instrument Mechanic**
 - **Industrial Mechanic (Millwright)**
 - **Industrial Warehouseperson**
 - **Lather (Interior Systems Mechanic)**
 - **Machinist**
 - **Metal Fabricator (Fitter)**
 - **Mould Maker**
 - **Pork Production Technician Services**
 - **Power System Electrician**
 - **Power System Operator**
 - **Sawfiler/Fitter**
 - **Sawfiler/Fitter (Benchperson)**
 - **Stationary Engineer**
 - **Tool and Die Maker**
 - **Welder**

On the JOB: Service

- **Appliance Service Technician**
- **Arboriculturist**
- **Automotive Machinist**
- **Baker**
- **Barber**
- **Community Antenna Television Technician**
- **Cook**
- **Electric Motor System Technician**
- **Elevator Constructor and Mechanic**
- **Food and Beverage Server**
- **Graphic Arts (Bindery)**
- **Graphic Arts (Pre-Press)**
- **Graphic Arts (Press)**
- **Hairstylist**
- **Horticulturist (Landscape-Greenskeeper)**
- **Industrial Warehouseperson**
- **Jeweler and Goldsmith**
- **Locksmith Services**
- **Meat Cutter Services**
- **Powerline Technician**
- **Stationary Engineer**
- **Upholsterer**

*What skills are needed to be **SUCCESSFUL**?*

Generally, a career in trades requires traits and talents such as:

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

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

“Each day, I do something new...”



“...I have the opportunity to build something that people are able to use. I can see the results of my work, and it is very gratifying.”

– Kerri Boyko

**27 year old, electrician
Co-owner, Regal Electric**

Apprenticeship:

An Excellent Post-Secondary Option



What is APPRENTICESHIP?

- Apprenticeship is a high quality post secondary option that combines on-the-job training with technical training to become a highly skilled tradesperson.



What is the difference between apprenticeship and university training?

- Apprenticeship is a form of post-secondary education like university or college...but there is MORE!
- Apprentices not only learn skills in a classroom, they receive paid on-the-job training with an employer. In general:
 - 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 are the **BENEFITS** of apprenticeship?*

Earn a salary while you LEARN, plus:

- Receive personal training and mentorship on-the-job.
- Receive technical training in a classroom.
- Minimize student debt.
- Obtain employment insurance during in-school training.
- Increase your chance of obtaining a job immediately after training.
- Master existing skills and be challenged to learn new skills everyday.
- Acquire skills that will last a lifetime.



Have Skills...Will Travel

There are forty-five trades designated as **Red Seal*** trades.

- In Red Seal Trades, completing apprentices and holders of Certificate of Qualification may apply to write an interprovincial examination. If they succeed, they receive a **Red Seal endorsement.**
- Certified workers who hold a Red Seal may work **anywhere in Canada** where their trade is designated without having to write further examinations for their trade.



**The Red Seal represents an Interprovincial Standard of Excellence in Skilled Trades. Permission has been granted by the Canadian Council of Directors of Apprenticeship (CCDA) for use in this presentation.*

Follow your DREAMS

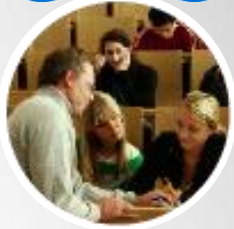
“After taking one year of university, I realized that I wanted to do something where I could be outside, work with my hands, and see the direct result of my work at the end of the day.”

*– Patrick Clark
3rd year Apprentice*



What are the STEPS to become an apprentice?

FINISH HIGH SCHOOL



FIND A TRADE THAT SUITS YOU



FIND AN EMPLOYER TO HIRE YOU



REGISTER



START YOUR CAREER!



What About a Career Path?

*I can become a
business owner.*

*I can become a
supervisor or
manager.*

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

*I can become
a master
journeyperson.*

*I can become a
trade instructor.*



Patrick, 23
Carpenter Apprentice

“Apprentices are the first link to the success of Canadian businesses...”

“They are eager and want to learn, greatly contributing to productivity and a quality product. Without apprentices, I simply wouldn’t have a successful business.”

***– Don Oborowsky, President
Waiward Steel Fabricators Limited***



How do I know if an apprenticeship and skilled trades are for me?

Do you enjoy...

- Working with your hands and putting things together?
- Understanding how things work?
- Being physically active?
- Learning by doing?
- Working with new technologies?

If you say “Yes”, consider taking an apprenticeship and become a tradesperson!





***Want respect,
opportunity, good pay?***

Learn a SKILLED TRADE