Exploring Skilled Trades & Apprenticeship

This project is funded by the 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:

- Electricians
- Powerline Technicians
- Insulators
- Painters & Decorators
- Gasfitters
- Floor-covering Installers
- Plumbers
- Bricklayers
- Plasterers
- Carpenters
Your vehicle…

…was made and is repaired by tradespeople, including:

- Metal Fabricators
- Partspersons
- Automotive Machinists
- Automotive Glass Technicians
- Power System Electricians
- Auto Body Repairers
- Automotive Electrical Technicians
- Automotive Painters
- Automotive Service Technicians
Your school…

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

- Construction Electricians
- Gasfitters
- Roofers
- Carpenters
- Bricklayers
- Concrete Finishers
- Insulators (Heat & Frost)
- Sprinkler System Installers
- Refrigeration & AC Mechanics
- Welders
- Crane & Hoisting Equipment Operators
- Industrial Plumbers
Skills shortages are already being experienced in some sectors and regions.

Skilled Tradespeople have OPPORTUNITY!
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 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!
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

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

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.
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

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 (Landscaper-Greenskeeper)
- Industrial Warehouseperson
- Jeweler and Goldsmith
- Locksmith Services
- Meat Cutter Services
- Powerline Technician
- Stationary Engineer
- Upholsterer
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.
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.
“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?

1. Finish High School
2. Find a trade that suits you
3. Find an employer to hire you
4. Register
5. Start your career!
What About a Career Path?

Patrick, 23
Carpenter Apprentice

I can become a supervisor or manager.

I can become a business owner.

I can become a master journeyperson.

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

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