



# **SKILLED TRADES**

## **RESOURCE GUIDE**



# TABLE OF CONTENTS

## Trades

• Arborist .....	04
• Automotive Service Technician .....	06
• Boilermaker .....	08
• Bricklayer .....	10
• Cabinetmaker .....	12
• Carpenter .....	14
• Cement Finisher .....	16
• Child & Youth Worker .....	18
• Cook .....	20
• Drywall Installer .....	22
• Electrician .....	24
• Floor Covering Installer .....	26
• Glazier .....	28
• Hairstylist .....	30
• Heavy Duty Equipment Technician .....	32
• Horticultural Technician .....	34
• HVAC Mechanic .....	36

• Painter Decorator .....	38
• Plumber .....	40
• Powerline Technician .....	42
• Roofer .....	44
• Sheet Metal Worker .....	46
• Steamfitter .....	48
• Welder .....	50
<b>Path to Apprenticeship</b> .....	52
<b>Career Pathway Flowchart</b> .....	55
<b>Funding</b> .....	56
<b>Finding an Employer</b> .....	60
<b>Resources</b> .....	61

## Legend



This symbol designates a Red Seal certified trade, allowing for interprovincial employment in a skilled trade.

### **NOC '####'**

This is the National Occupation Classification code that can be used to find more information online about the career. Numbers are in place of '####'.

**Wage Disclaimer:** The wages in this guide are sourced from [jobbank.gc.ca](http://jobbank.gc.ca) and reflect National and Provincial average hourly wages.



# ARBORIST NOC 2225

An Arborist transplants, maintains and removes trees and woody plants using ropes, climbing systems, pruning tools, diagnostic tools and mechanized equipment. Arborists have knowledge in the science of arboriculture, the cultivation, management and study of individual trees, shrubs, vines, and woody plants. An Arborist carries out treatments for optimal tree health, managing pests, diseases, wounds and defects that impact trees and woody plants.

Scan this QR code with your phone's camera for more Arborist information & resources!



[https://www.collegeoftrades.ca/wp-content/uploads/TFS\\_Arborist\\_-MTCU-July-2018-1.pdf](https://www.collegeoftrades.ca/wp-content/uploads/TFS_Arborist_-MTCU-July-2018-1.pdf)

## Duties

Specifically, an Arborist:

- Transplants, prunes, maintains and removes trees and woody plants
- Climbs trees and works at heights
- Identifies and treats diseases and pests on trees and woody plants
- Improves the health and integrity of damaged trees and woody plants
- Enhances soils by fertilizing, irrigating, mulching and aerating
- Provides advice on trees and woody plants with others including residential, commercial and government representatives

## Work Conditions

The typical working environment for an arborist varies each day. They usually work outside tending, inspecting, and caring for trees as their main responsibility. This involves traveling to different sites based on varying client needs, or it involves a long term assignment at a specific client site.

Although most of the work for an arborist is done outdoors, they do spend some time inside in an office performing research and evaluation. If called upon times of natural disaster, they work irregular hours in potentially dangerous environments to ensure the proper care and removal of trees.



# ARBORIST

## Education Requirements

Arboriculture programs at Ontario colleges typically require an Ontario Secondary School Diploma (OSSD) or equivalent, including a grade 12 English credit.

A grade 12 math credit is usually strongly recommended. Additional credit requirements may vary depending on the program.



## Apprenticeship

An apprenticeship training program consists of on-the-job and in-school training. Generally, the time-frame to become competent in the trade of Arborist is 6,120 hours (approximately three years) consisting of 5,400 hours of on-the-job work experience and 720 hours of in-school training.

An apprenticeship involves practical training provided on-the-job by a skilled worker, or trainer. The skills or competencies to be developed are set out by the trade's apprenticeship training standard and are recognized by the industry as being essential to the practice of the trade.

Related work experience or completion of an arborist program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

While Arborism is not designated as a Red Seal Trade, certifications are still available. To earn an International Society of Arboriculture (ISA) Certified Arborist credential, you must be trained and knowledgeable in all aspects of arboriculture. ISA Certified Arborists must also adhere to the Code of Ethics that strengthens the credibility and reliability of the workforce. To be eligible for the ISA Certified Arborist exam, you must have one or both of the following:

- Three or more years of full-time, eligible, practical work experience in arboriculture
- A degree in the field of arboriculture, horticulture, landscape architecture, or forestry from a regionally accredited educational institute

This certification covers a large number of topics giving the candidates flexibility in the arboricultural profession.

## Average Hourly Wage - Arborist

	Low	Median	High
Canada:	14.50	20.50	38.00
Ontario:	16.00	20.00	40.00



# AUTOMOTIVE SERVICE TECHNICIAN NOC 7321

An Automotive Service Technician performs preventative maintenance, diagnoses problems and repairs vehicle systems in cars and light trucks.

Scan this QR code with your phone's camera for more Automotive Service Technician information & resources!



<https://www.collegeoftrades.ca/wp-content/uploads/Automotive-Service-Tech.pdf>

## Duties

Specifically, an Automotive Service Technician diagnoses and repairs:

- engines, transmissions, clutches, rear ends, differentials, brakes, drive shafts, axles and other assemblies
- alignment of wheels, axles, frames and steering mechanisms
- suspension systems, including shock absorbers and spring assemblies
- ignition, charging and starting systems, panel instruments, wiring and other electrical/electronic systems and equipment
- fuel and engine management and emission control systems
- air-conditioning, refrigeration and heating systems



## Work Conditions

The work can be physically demanding. You spend a great deal of time on your feet, and will often be required to bend, crawl, lift and reach.

Technicians usually work indoors and can expect a work environment that includes noise, fumes, odours, hazardous materials, and confined spaces.

# AUTOMOTIVE SERVICE TECHNICIAN

## Education Requirements

Most programs will require:

- Ontario Secondary School Diploma (OSSD) or equivalent
- Grade 12 compulsory English, C or U, or equivalent
- Grade 12 Mathematics, C or U, or equivalent

Many programs offer equivalent prep courses for the English & Mathematics required for admission



## Apprenticeship

An apprenticeship training program consists of on-the-job and in-school training. Generally, the time-frame to become competent in the trade of Automotive Service Technician is 7,220 hours (approximately four years) consisting of 6,500 hours of on-the-job work experience and 720 hours of in-school training.

An apprenticeship involves practical training provided on-the-job by a skilled worker, or trainer. The skills or competencies to be developed are set out by the trade's Apprenticeship Training Standard and are recognized by the industry as being essential to the practice of the trade.

As these essential skills are developed, the apprentice's sponsor or trainer signs the relevant sections of the training standard to indicate that the apprentice has met the individual training objectives by demonstrating the skills required of a skilled worker, or journeyman, in the trade.

## Certification Requirements

In order to complete an apprenticeship training program in the trade, individuals must become members of the Ontario College of Trades (the College), and apprentices must remain active members for the duration of their apprenticeship. Upon completing an apprenticeship, the Ministry of Training, Colleges and Universities (MTCU) will issue an individual a Certificate of Apprenticeship. Upon passing the trade's certification examination and meeting the College's registration requirements, the individual may apply to become certified and registered as a journeyman in the trade.

Automotive Service Technician is classified as a compulsory trade, which means that individuals working in the trade are required by law to be members of the College.

As a certified Automotive Service Technician, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as an Automotive Service Technician anywhere in Canada.

## Average Hourly Wage - Automotive Service Technician

Low | Median | High

Canada: 15.00 | 25.00 | 38.00

Ontario: 15.00 | 24.04 | 37.00

# BOILERMAKER NOC 7234

Boilermakers fabricate, assemble, install, test, maintain and repair boilers, vessels, tanks, towers, heat exchangers and other heavy-metal structures.

Boilermakers are employed in building manufacturing and power generation plants, in shipbuilding and on other industrial projects.

Scan this QR code with your phone's camera for more Boilermaker information & resources!



<https://www.careersinconstruction.ca/en/career/boilermaker>

## Duties

Boilermakers may specialize in rigging and hoisting, preparation and layout, or welding. Depending on your speciality, your duties may include the following:

- Building and installing boilers
- Laying out plate or sheet steel and marking cuts, bends and welds
- Fitting and welding metal sections together
- Maintaining and repairing boilers
- Directing crane operators during installation or repair of boilers
- Reading and interpreting blueprints

## Work Conditions

The standard work week for boilermakers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Boilermaker, you may work indoors or outdoors, usually on a construction site and with a team of other construction professionals. The job is physically demanding and often involves working with heavy machinery or power tools at heights.





# BOILERMAKER

## Education Requirements

Requirements for boilermaker apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 18 years old and have a Grade 12 education or equivalent to enter the program. You may find it helpful to have courses in English and math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Boilermaker.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Boilermaker, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Boilermaker apprenticeship programs vary across Canada, but generally involve three 12-month periods, including at least 4,500 hours of on-the-job training, four six-week blocks of technical training and a final certificate exam.

Related work experience or completion of a boilermaker program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Boilermaker, you usually need to complete a three- to four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses in boilermaking.

As a certified Boilermaker, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Boilermaker anywhere in Canada.

## Average Hourly Wage - Boilermaker

Low | Median | High

Canada: 30.83 | 42.91 | 46.85

Ontario: 26.00 | 42.51 | 48.91

# BRICKLAYER NOC 7281

Bricklayers lay bricks, concrete blocks, stone and other similar materials to construct or repair walls, arches, chimneys, fireplaces and other structures in accordance with blueprints and specifications. You could be installing firebrick in commercial and industrial furnaces and incinerators. You could also be working with acid tile and acid brick in pulp mills.

Bricklayers may be employed by construction companies as contractors, or they may be self-employed.

Scan this QR code with your phone's camera for more bricklayer information & resources!



<https://www.careersinconstruction.ca/en/career/bricklayer>

## Work Conditions

The standard work week for bricklayers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Bricklayer, you will usually work outdoors, often on scaffolding. Bricklayers sometimes use protective enclosures and portable heaters in adverse weather conditions. Your work will be physically demanding, and you may be required to travel to various work sites. On many jobs you will work closely with other construction professionals as part of a team.



## Duties

As a Bricklayer, your duties may include the following:

- Laying bricks, stone or similar materials to build residential/commercial chimneys and fireplaces, patios, walls or walkways
- Laying firebricks to line industrial chimneys and smokestacks
- Cutting and trimming bricks using hand and power tools
- Lining or relining furnaces and boilers using acid-resistant bricks
- Restoring, cleaning or painting existing brick structures
- Reading and interpreting sketches and blueprints

# BRICKLAYER

## Education Requirements

Requirements for bricklaying apprenticeship programs vary across Canada. Generally, you must be at least 16 years of age and have a Grade 10 education. You may find it beneficial to have courses in English and math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Bricklayer.



## Apprenticeship

Apprenticeship is one way of starting out in the construction industry. It involves both classroom studies and on-the-job training under the supervision of a certified Bricklayer, called a journeyman.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 50% of a journeyman's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for bricklayers vary across Canada, but generally involve three 12-month periods, including at least 1,600 hours of on-the-job training, three eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a bricklaying program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Bricklayer, you usually need to complete a three- to four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyman certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses in bricklaying.

As a certified Bricklayer, you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Bricklayer anywhere in Canada.

## Average Hourly Wage - Bricklayer

Low | Median | High

Canada: 22.00 | 35.00 | 41.51

Ontario: 21.00 | 34.00 | 41.90



# CABINETMAKER NOC 7272

Cabinetmakers build, repair and install wooden cabinets and furniture. Usually they are employed by contractors, construction companies or custom furniture manufacturers. They can also be self-employed.

Scan this QR code with your phone's camera for more Cabinetry information & resources!



<https://www.careersinconstruction.ca/en/career/cabinetmaker>

## Duties

Duties of a cabinetmaker often include the following:

- Operating woodworking machines and hand tools to cut, form and shape wood.
- Fitting parts using glue and/or clamps.
- Reinforcing joints using nails or screws.
- Trimming joints.
- Sanding surfaces and then applying veneers, stains, or polishes.
- Restyling and/or repairing wooden furniture.
- Creating and interpreting blueprints, drawings or sketches.
- Preparing work estimates.

## Work Conditions

The standard work week is usually 40 hours (8hrs/day, 5 days/week). As with most construction careers, there are peak seasons which will require overtime work. The number of additional hours you work depends on the construction sector/region you work in and will vary from job to job.

As a cabinetmaker you will work mostly indoors, either alone, with teams or with helpers. The job can be physically demanding and often involves using high-speed woodworking machinery.

As with all construction careers, safety is the top priority. Cabinetmakers are trained to work safely and wear protective equipment to prevent injury.



# CABINETMAKER

## Education Requirements

In order to enter a cabinetry apprenticeship or post-secondary program, there are some requirements.

- In most provinces and territories you must be at least 16 years old and have a Grade 12 education or equivalent.

Some provinces offer secondary school apprenticeship programs that allow high school students to work towards a career as a cabinetmaker.



## Certification Requirements

Certification is not required in most provinces and territories (Ontario does not require it).

Even though certification is usually not required, it is still recommended. Certification indicates to employers and other workers that you are a skilled professional, and can assist you in getting jobs. To become a certified cabinetmaker, you usually need to complete a four year apprenticeship and obtain a journeyperson's certificate.

In some provinces and territories, if you have more than four years of on-the-job experience and/or some high school, college or industry courses completed, you may still be eligible for certification.

As a certified Cabinetmaker, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Cabinetmaker anywhere in Canada.

## Apprenticeship

Apprenticeships involve both classroom studies and on-the-job training under the supervision of a certified cabinetmaker (called a journeyperson).

As an apprentice, you are paid while you learn and are also paid by the hour while working on a job site. Wages start around 55% of a journeyperson's hourly wage and increase throughout your apprenticeship until you reach full rate.

Cabinetmaker apprenticeship programs vary across Canada, but generally involve four 12-month periods, which include:

- at least 5,440 hours of on-the-job training.
- four 8-week blocks of technical training.
- a final certificate exam.

Related work experience or the completion of a cabinetmaker program at a college or technical institute can reduce the time required to complete an apprenticeship.

## Average Hourly Wage - Cabinetmaker

Low | Median | High

Canada: 15.00 | 22.00 | 34.50

Ontario: 15.50 | 21.00 | 28.00

# CARPENTER NOC 7271

Carpenters build, install, maintain and repair structures made of wood, wood substitutes and other materials. Carpenters are employed by construction companies, carpentry contractors and maintenance departments; or they may be self-employed.

Scan this QR code with your phone's camera for more carpentry information & resources!



<https://www.careersinconstruction.ca/en/career/carpenter>

## Work Conditions

Working conditions for carpenters vary from one job to another. Some carpenters work indoors and work a standard 40-hour week (8 hours a day, 5 days a week). Other carpenters work mostly outdoors and may work varied hours depending on the demands of the project.

As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

Carpenters may work alone, in teams, or with helpers. The job can be physically demanding. You will often have to lift heavy materials and work with sharp tools. The work is also mentally challenging – you may have to make quick mental calculations. As with all careers in the construction industry, safety is the top priority.

## Duties

As a Carpenter, your duties may include the following:

- Building foundations, installing floor beams, laying sub-flooring and installing walls and roofing systems
- Fitting and installing trim, doors, stairs, moulding and hardware
- Measuring, cutting and joining materials made of wood or wood substitutes
- Repairing and renovating wooden structures
- Preparing cost estimates for clients
- Reading and interpreting blueprints, drawings and sketches





# CARPENTER

## Education Requirements

Requirements for carpentry apprenticeship programs vary across Canada. You are usually required to complete secondary school. You may find it helpful to enrol in math, shop, industrial arts and mechanical drawing courses in high school.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a carpenter.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Carpenter, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Carpentry apprenticeship programs vary across Canada, but generally involve four 12-month periods, including at least 5,440 hours of on-the-job training and four eight-week blocks of technical training.

Related work experience or completion of a carpenter program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirement

To be certified as a Carpenter, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification if you have more than four years of on-the-job experience and some high school, college or industry courses in carpentry.

Once certified as a Carpenter, you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Carpenter anywhere in Canada.

## Average Hourly Wage - Carpenter

Low | Median | High

Canada: 17.25 | 26.00 | 38.12

Ontario: 17.00 | 25.00 | 37.50

# CEMENT FINISHER NOC 7282

Cement finishers smooth and finish freshly poured cement/concrete, apply curing or surface treatments and install, maintain and restore floors, ceilings, sidewalks, roads and patios.

Most are employed by construction companies, cement contractors and manufacturers. Some cement finishers are self-employed, contracting their services for smaller projects such as patios, sidewalks and driveways.

Scan this QR code with your phone's camera for more cement finisher information & resources!



<https://www.careersinconstruction.ca/en/career/concrete-finisher>

## Work Conditions

As a Cement Finisher, your work hours are weather-dependent. There is less work available in the winter, and summer hours are often longer than the standard 40-hour week. Overtime is often required because cement finishers cannot leave a project in the middle and return to it the next day. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Cement Finisher, you may work indoors or outdoors, usually with a team of other construction professionals. The work is often fast-paced and strenuous—you may have to lift heavy materials and spend long periods of time bending and kneeling.

## Duties

As a Cement Finisher, your duties may include the following:

- Levelling the top surface of freshly poured cement on floors, walls, ceilings or sidewalks
- Operating a power vibrator to compress concrete
- Applying hardening and sealing compounds to cure the surface of cement
- Waterproofing, damp-proofing and restoring cement surfaces
- Installing anchor bolts, steel plates and other fixtures in freshly poured cement



# CEMENT FINISHER

## Education Requirements

Requirements for cement finisher apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 16 years old and have a Grade 10 education or equivalent to enter the program. You may also find it helpful to have courses in math, science and drafting.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Cement Finisher.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Cement Finisher, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for cement finishers vary across Canada, but generally involve three 12-month periods, including at least 3,600 hours of on-the-job training, two four-week blocks of technical training and a final certificate exam.

Related work experience or completion of a cement finisher program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Cement Finisher, you usually need to complete a three-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses in concrete finishing.

As a certified Cement Finisher, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Cement Finisher anywhere in Canada.

## Average Hourly Wage - Cement Finisher

Low | Median | High

Canada: 20.00 | 30.00 | 38.11

Ontario: 20.00 | 30.30 | 38.54



# CHILD & YOUTH WORKER

## NOC 4212

A Child and Youth Worker works to improve the physical, emotional, intellectual and social development of vulnerable children, youth and families. They focus on the growth and development of children and youth based on direct, day-to-day work with children and youth in their environment and develop relationships with children, their families, their communities and other interdisciplinary team members

Scan this QR code with your phone's camera for more Child & Youth Worker information & resources!



[https://www.collegeoftrades.ca/wp-content/uploads/TFS\\_CYW\\_Nov2015.pdf](https://www.collegeoftrades.ca/wp-content/uploads/TFS_CYW_Nov2015.pdf)

## Duties

Specifically, a Child and Youth Worker:

- maintains safe environments
- promotes health and well-being
- builds relationships
- plans programs
- applies intervention strategies
- provides counselling and supports
- works in an interdisciplinary team environment
- communicates with other professionals
- supports the needs of children, adolescents and their families

## Education Requirements

Most Child & Youth Worker programs require:

- Ontario Secondary School Diploma (OSSD) or equivalent.
- English, Grade 12 (ENG4C or equivalent)

Many programs offer equivalent prep courses for any English & Mathematics required for admission



## Work Conditions

Child and youth care workers may be required to work shifts (days, evenings and sometimes nights, seven days a week).

The work can be physically and mentally demanding, and may require physically restraining young people.

# CHILD & YOUTH WORKER



## Apprenticeship

An apprenticeship training program consists of on-the-job and in-school training. Generally, the time-frame to become competent in the trade of Child and Youth Worker is 7200 hours (approximately four years) consisting of 6240 hours of on-the-job work experience and 960 hours of in-school training.

A Child and Youth Worker apprenticeship includes one level of theoretical training, which includes but is not limited to instruction in:

- developmental issues in childhood and adolescence
- counselling and communication skills
- principles of human behaviour
- residential treatment
- psychopathology in childhood, adolescence and early adulthood
- family dysfunction and multimodal therapies
- prevention and management of aggressive behaviour
- child abuse and crisis intervention



The skills or competencies to be developed are set out by the trade's Apprenticeship Training Standard and are recognized by the industry as being essential to the practice of the trade.

## Certification Requirements

Qualified individuals may obtain a Certificate of Qualification from the Ontario College of Trades, which confirms its holder has the skills, knowledge and experience that meet industry standards of practice for the trade.

Upon completing an apprenticeship, the Ministry of Training, Colleges and Universities (MTCU) will issue an individual a Certificate of Apprenticeship. Upon meeting the College's registration requirements, the individual may apply to become certified and registered as a journeyperson in the trade.

## Average Hourly Wage - Child & Youth Worker

Low | Median | High

Canada: 15.10 / 19.05 / 29.39

Ontario: 15.89 / 21.76 / 33.89



# COOK NOC 6322

A Cook prepares a wide range of foods for public consumption in various settings, for small or large groups or individual dishes in restaurants and test kitchens.

Scan this QR code with your phone's camera for more Cook information & resources!



<https://www.collegeoftrades.ca/wp-content/uploads/Cook.pdf>



## Duties

Specifically, a Cook:

- prepares, cooks, and assembles food such as meats, salads and dressings, soups, sauces, sandwiches, vegetables, desserts, pastries, baked foods, hot and cold buffets and non-alcoholic beverages
- creates specialty dishes and develops recipes
- performs menu and nutrition planning, food costing, purchasing, scheduling and receiving deliveries and checking product quality and quantity
- practices according to food safety standards for hygiene, sanitation and safety



## Work Conditions

Most kitchens are air-conditioned, have convenient work areas and modern equipment, and are well organized. Despite these conveniences, cooks and chefs require stamina and physical strength. They work near hot ovens, grills, and ranges in a very noisy and chaotic environment. Cooks stand most of the time, and they must have the strength to lift heavy pots and kettles.

Cooks and chefs typically work forty to forty-eight hours per week, including nights and weekends. Holiday work is common. Those who cook in school cafeterias work only nine or ten months each year. Cooks usually wear uniforms, and some employers provide uniforms or uniform allowances.

Cooks and chefs must be able to work under pressure during rush hours. They should enjoy working as part of a team and be able to organize and direct the kitchen staff effectively. Head cooks and chefs work with little or no supervision; other kitchen helpers work under their direction.



## Education Requirements

- Ontario Secondary School Diploma (OSSD) or equivalent.
  - English, Grade 12 (ENG4C or equivalent).
- Many programs offer equivalent prep courses for any English & Mathematics required for admission



## Apprenticeship

An apprenticeship training program consists of on-the-job and in-school training. Generally, the time-frame to become competent in the trade of Cook is 6,000 hours (approximately three years) consisting of 5,280 hours of on-the-job work experience and 720 hours of in-school training.

A Cook apprenticeship includes two levels of theoretical training, which includes but is not limited to instruction in:

- culinary techniques
- quantity food preparation
- basic nutrition
- bake and pastry theory and techniques of baking
- kitchen management
- food, beverage and labour cost control
- sanitation & safety and equipment
- workplace health and safety

The skills or competencies to be developed are set out by the trade's apprenticeship training standard and are recognized by the industry as being essential to the practice of the trade.

## Certification Requirements

Cook is a trade regulated by the Ontario College of Trades and Apprenticeship Act, 2009. Qualified individuals may obtain a Certificate of Qualification, which confirms its holder has the skills, knowledge and experience that meet industry standards of practice for the trade.

Upon completing an apprenticeship, the Ministry of Training, Colleges and Universities (MTCU) will issue an individual a Certificate of Apprenticeship. Upon passing the trade's certification examination and meeting the College's registration requirements, the individual may apply to become certified and registered as a journeyman in the trade.

As a certified Cook you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Cook anywhere in Canada.

## Average Hourly Wage - Cook

Low | Median | High

Canada: 12.00 | 14.75 | 20.00

Ontario: 14.25 | 14.50 | 18.50

# DRYWALL INSTALLER NOC 7284

Drywallers typically work on construction sites to measure, cut and fit drywall sheets for installation on walls and ceilings. They also fill joints, holes and cracks and smooth out compound for a sleek finish to prepare for painting.

Scan this QR code with your phone's camera for more Drywalling information & resources!



<https://www.careersinconstruction.ca/en/career/plastererdrywall-installer-and-finisherlather>

## Duties

Duties of drywallers often include the following:

- Measuring, cutting and fitting drywall sheets for installation on walls and ceilings
- Positioning and securing drywall sheets to metal or wooden studs
- Cutting and installing metal corner beads to protect exterior corners
- Filling joints, holes and cracks with compound using a trowel and broad knife
- Smoothing out excess compound and sanding over dry compound

## Work Conditions

The standard work week for drywall installers and finishers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Drywall Installer you will work mostly indoors, with some outdoor work. You may work alone or with other construction crew members. The job is physically demanding – you will be on your feet most of the time, working with heavy drywall sheets.

As with all careers in the construction industry, safety is the top priority. Drywall installers and finishers are trained to work safely and use equipment such as masks and safety goggles to protect themselves from dust.



# DRYWALL INSTALLER

## Education Requirements

In order to enter a drywalling apprenticeship or post-secondary program, there are some requirements.

- In most provinces and territories, you must be at least 16 years old and have a Grade 10 education or equivalent to enter a program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Drywall Installer and Finisher.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Drywall Installer and Finisher, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 45% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

The Drywall apprenticeship program consists of on-the-job and in-school training. The program typically takes three years to complete and consists of:

- 4,800 hours of on-the-job training/work experience
- 600 hours of in-school training

Related work experience or completion of a drywall installer and finisher program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

Certification is required in Quebec, and is available but voluntary in most other provinces. Where certification is not available, it may be possible to study as an apprentice through your local labour organization.

Even where certification is voluntary, it is still recommended as it tells employers and other workers that you are a skilled professional, and it also helps you get jobs.

To be certified as a Drywall Installer and Finisher, you usually need to complete a three- to four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

As a certified Drywaller you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Drywaller anywhere in Canada.

## Average Hourly Wage - Drywall Installer/Finisher

Low | Median | High

Canada: 17.00 | 30.00 | 41.35

Ontario: 17.00 | 34.00 | 44.00



# ELECTRICIAN NOC 7241

Electricians assemble, install, troubleshoot and repair electrical wiring, fixtures, control devices and related equipment in all types of buildings and other structures. They are employed by electrical contractors and building maintenance departments, or they may be self-employed.

Scan this QR code with your phone's camera for more electrician information & resources!



<https://www.careersinconstruction.ca/en/career/electrician>

## Duties

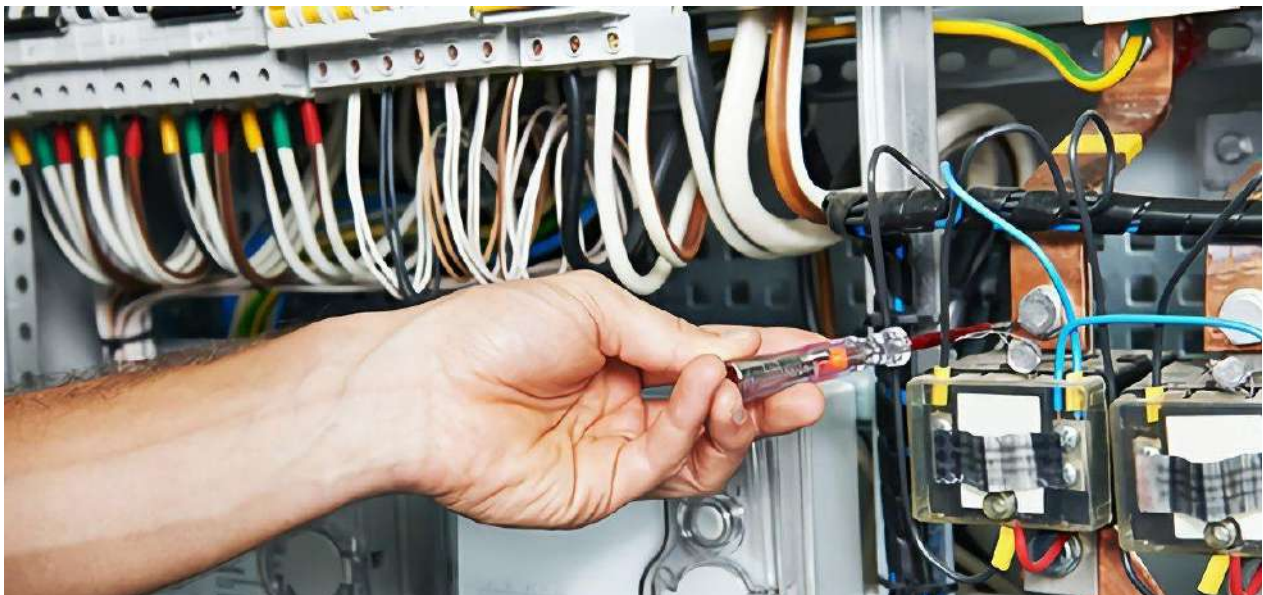
As an Electrician, your duties may include the following:

- Installing and repairing lighting fixtures and equipment, including switches and circuit breakers
- Connecting power to communications equipment, signalling devices and heating and cooling systems
- Troubleshooting electronic systems and replacing faulty components
- Conducting preventive maintenance programs
- Reading and interpreting drawings and blueprints

## Work Conditions

The standard work week for electricians is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As an Electrician, you may work indoors and outdoors, independently or with other construction professionals. If you work in renovation or maintenance, you may have to deal with customers. The work can be physically demanding, and you may have to work at heights. As with all careers in the construction industry, safety is the top priority.



# ELECTRICIAN

## Education Requirements

Requirements for electrician apprenticeship programs vary across Canada. In most provinces and territories:

- You must be at least 16 years old and have a Grade 12 education or equivalent to enter an electrician apprenticeship program.
- You may find it helpful to have courses in English, physics and math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as an Electrician.



## Certification Requirements

Certification is required in all provinces and territories. Certification tells employers and other workers that you are a skilled professional. It also helps you get jobs.

To be certified as an Electrician, you usually need to complete a four- to five-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyman certificate.

As a certified Electrician you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as an Electrician anywhere in Canada.

## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Electrician, called a journeyman.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 40% of a journeyman's hourly rate and increase during your apprenticeship until you reach the full rate.

The program duration set in regulations for the trade of Electrician — Construction and Maintenance is 9000 hours (approximately five years) consisting of:

- 8160 hours of on-the-job work experience and;
- 840 hours of in-school training.

Related work experience or completion of an electrical program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Average Hourly Wage - Electrician

Low | Median | High

Canada: 18.00 | 32.00 | 43.00

Ontario: 17.31 | 31.00 | 45.00

# FLOOR COVERING INSTALLER NOC 7295

Floor covering installers install carpet, wood, linoleum, vinyl and other resilient floor coverings in residential, commercial, industrial and institutional buildings. They are employed by construction companies, floor-covering contractors, installation companies and carpet retailers, or they may be self-employed.



<https://www.careersinconstruction.ca/en/career/floor-covering-installer>

Scan this QR code with your phone's camera for more floor covering installer information & resources!

## Work Conditions

The standard work week for floor covering installers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next. You may have to work occasional nights when renovating offices or other public buildings that are occupied.

As a Floor Covering Installer, you will work mostly indoors, usually with a team of other workers. The job is physically demanding and often involves lifting heavy materials and kneeling for long periods of time.

As with all careers in the construction industry, safety is the top priority. Floor covering installers are trained to work safely and take special precautions to protect against injury.

## Duties

As a Floor Covering Installer, your duties may include the following:

- Installing carpeting, hardwood floors, trims and bases to floors or other surfaces
- Inspecting, measuring and preparing surfaces to be covered
- Inspecting and repairing damaged floor coverings
- Estimating material and labour costs





# FLOOR COVERING INSTALLER

## Education Requirements

In most provinces and territories, you must have a Grade 9 education or equivalent to enter a floor covering installer apprenticeship program. You may find it helpful to have courses in drafting and mechanical drawing, math and shop.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Floor Covering Installer.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Floor Covering Installer, called a journeyman.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 50% of a journeyman's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for floor covering installers vary across Canada, but generally involve three 12-month periods, including at least 4,400 hours of on-the-job training, two six-week blocks of technical training and a final certificate exam.

Related work experience or completion of a floor covering installer program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Floor Covering Installer, you usually need to complete a two- to three-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyman certificate.

You may be eligible for certification in some provinces and territories if you have more than three years of on-the-job experience and some high school, college or industry courses in floor covering.

As a certified Floor Covering Installer you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Floor Covering Installer anywhere in Canada.

## Average Hourly Wage - Floor Covering Installer

Low | Median | High

Canada: 15.00 | 21.67 | 35.00

Ontario: 14.25 | 21.25 | 35.35

# GLAZIER NOC 7292

Glaziers cut, fit, install, waterproof and replace glass in residential, commercial and industrial buildings, on exterior walls of buildings and other structures, and in furniture and other products.

They are employed by construction glass installation contractors, repair and glass fabrication shops, and interior design and architectural firms.

Scan this QR code with your phone's camera for more glazier information & resources!



<https://www.careersinconstruction.ca/en/career/glazier>

## Work Conditions

The standard work week for glaziers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

Glaziers usually work steadily throughout the year because there is a regular need for repair work. As a Glazier, you may work indoors or outdoors, alone or with a team of other construction professionals. The job can be physically demanding – you may have to work at heights and with heavy glass.

## Duties

As a Glazier, your duties may include the following:

- Assembling and installing prefabricated glass, mirrors or glass products on walls, ceilings or exteriors of building
- Measuring, marking, cutting and tinting glass
- Fabricating metal frames for glass installation
- Preparing and installing skylights, aquariums and stained glass in churches, museums and other buildings
- Replacing damaged glass or faulty sealant
- Preparing cost estimates
- Reading and interpreting blueprints



## Education Requirements

Requirements for glazier apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 9 education or equivalent to enter a glazier apprenticeship program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Glazier.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Glazier, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 55% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for glaziers vary across Canada, but generally involve four 12-month periods, including at least 6,480 hours of on-the-job training, four six-week blocks of technical training and a final certificate exam.

Related work experience or completion of a glazier program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Glazier, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses for glaziers.

As a certified Glazier you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Glazier anywhere in Canada.

## Average Hourly Wage - Glazier

Canada: 18.00 | 27.20 | 38.87  
Ontario: 17.00 | 27.50 | 38.34



# HAIRSTYLIST NOC 6341

A Hairstylist performs a range of hairstyling services including cutting, designing, colouring, permanent waving, relaxing and straightening. They often work in a salon with several others, but can be self-employed.

Scan this QR code with your phone's camera for more Hairstylist information & resources!



<https://www.collegeoftrades.ca/wp-content/uploads/Hairstylist.pdf>

## Duties

Specifically, a Hairstylist:

- Performs health, safety and sanitization procedures
- Performs routine salon functions and service fundamentals
- Treats scalp and hair
- Cuts and styles hair
- Performs chemical treatments such as waving, relaxing, and straightening
- Performs colour services
- Works with wigs, hairpieces and extensions

## Work Conditions

The working conditions for hair stylists vary a lot from day to day. In general, most work in a salon, spa, or barbershop. On busy days, hair stylists can find themselves on their feet for many hours, working with clients back to back, on slower days, they have lots of free time.

As a stylist, patience and a cool head are essential. Strong fumes are common and exceptional conversational skills are a must.



# HAIRSTYLIST

## Education Requirement

Requirements for hairstyling apprenticeship programs vary across Canada. In Ontario, you must have:

- Ontario Secondary School Diploma (OSSD) or equivalent.
- English, Grade 12 (ENG4C or equivalent)

Many programs offer equivalent prep courses for any English & Mathematics required for admission.



## Apprenticeship

An apprenticeship involves practical training provided on-the-job by a skilled worker, or trainer. The skills or competencies to be developed are set out by the trade's Apprenticeship Training Standard and are recognized by the industry as being essential to the practice of the trade.

An apprenticeship training program consists of on-the-job and in-school training. Generally, the time-frame to become competent in the trade of Hairstylist is 3,500 hours (approximately two years) consisting of 3,020 hours of on-the job work experience and 480 hours of in-school training

A Hairstylist apprenticeship includes two levels of theoretical training, which includes but is not limited to instruction in:

- Applied health and safety procedures
- Treatment of hair and scalp
- Salon functions
- Cutting and styling hair
- Chemical waving and relaxing of hair
- Colouring and lightening hair

## Certification Requirement

To become certified and work legally as a Hairstylist in Ontario, you must either:

- Be a registered apprentice and a member of the College's Apprentices Class;
- or pass the Certificate of Qualification Exam for this trade and register in the College's Journeyman Class.

As a certified Hairstylist you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Hairstylist anywhere in Canada.

## Average Hourly Wage - Hairstylist

Low | Median | High

Canada: 11.55 | 15.00 | 25.00

Ontario: 14.25 | 15.00 | 25.30

# HEAVY DUTY EQUIPMENT TECHNICIAN NOC 7312

Heavy-duty equipment mechanics repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty construction equipment. Some mechanics in this occupation specialize in hydraulic-operated transmissions and attachments, drive trains, tracked vehicle suspensions and steering.

Heavy-duty equipment mechanics are employed by heavy equipment dealers, service companies and companies that own and operate heavy equipment.

Scan this QR code with your phone's camera for more Heavy Duty Equipment Technician information & resources!



<https://www.careersinconstruction.ca/en/career/heavy-duty-equipment-mechanic>

## Duties

As a Heavy-Duty Equipment Mechanic, your duties may include the following:

- Inspecting bulldozers, cranes, graders and other heavy construction equipment for proper performance, and inspect equipment to detect faults and malfunctions
- Diagnosing faults or malfunctions using computerized and other testing equipment to determine the extent of repair required
- Adjust equipment and repair or replace defective parts, components or systems using hand and power tools
- Testing repaired equipment for proper performance and to ensure that work meets manufacturers' specifications

## Work Conditions

Heavy-duty equipment mechanics normally work on construction sites or in construction company maintenance facilities. They usually work full time, but hours can be flexible and they vary with the industry and the season. In addition, work may involve shifts, weekends and overtime.

Most of the time, heavy-duty equipment mechanics work on site. The work is physically demanding and involves heavy lifting. They often work with grease, oil, dirt and diesel fuel, and are exposed to fumes and noise. Most employers expect mechanics to have their own tools.





# HEAVY DUTY EQUIPMENT TECHNICIAN

## Education Requirements

Requirements for heavy-duty equipment mechanic apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 12 education or equivalent to enter a heavy-duty equipment mechanic apprenticeship program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Heavy-Duty Equipment Mechanic.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Heavy-Duty Equipment Mechanic, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for heavy-duty equipment mechanics vary across Canada, but generally last four years and include at least 9,000 hours of on-the-job training, as well as technical training and a final certificate exam.

Related work experience or completion of a heavy-duty equipment mechanic program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Heavy-Duty Equipment Mechanic, you usually need to complete a three- to five-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses for heavy-duty equipment mechanics.

As a certified Heavy-Duty Equipment Mechanic you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Heavy-Duty Equipment Mechanic anywhere in Canada.

## Average Hourly Wage - Heavy Duty Equipment Technician

Low | Median | High

Canada: 20.00 | 33.00 | 46.78

Ontario: 18.00 | 30.00 | 43.00

# HORTICULTURAL TECHNICIAN NOC 2225

Horticultural Technicians build and maintain gardens, parks, golf courses and other landscaped areas.

They are employed by landscaping designers and contractors, lawn service establishments, golf courses, nurseries and greenhouses, as well as by municipal, provincial and national parks. They may also be self-employed.

Scan this QR code with your phone's camera for more Horticultural Technician information & resources!



<https://www.careersinconstruction.ca/en/career/landscaper>

## Duties

As a Horticultural Technician, your duties may include:

- Planting, transplanting and maintaining flowers, plants, and greenhouse and nursery stock
- Installing rock gardens, ponds, decks, drainage systems, fences, planters and playground equipment
- Installing, operating and maintaining watering systems
- Seeding, sodding and caring for lawns
- Identifying plant diseases and insect problems and applying fertilizers and pesticides
- Consulting with clients on landscape designs, and plant selection and care

## Work Conditions

The standard work week for horticultural technicians is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Horticultural Technician, you may work indoors or outdoors, alone or with a team of construction professionals. The work can be strenuous and may involve considerable lifting, carrying and bending. You may also spend time designing landscapes and advising customers.

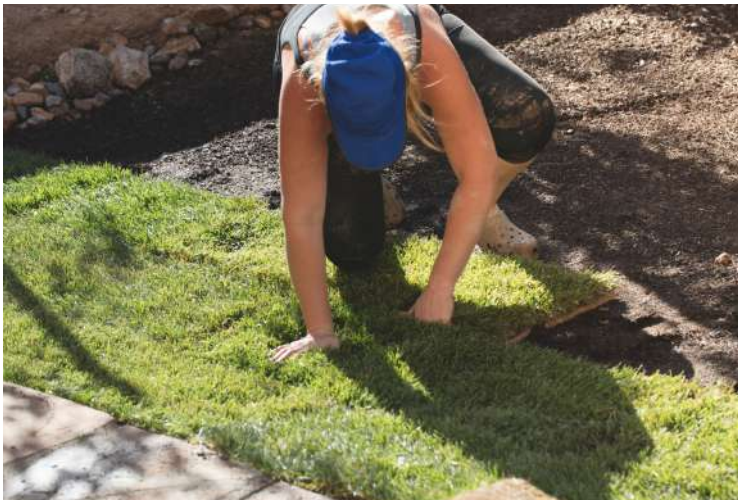


# HORTICULTURAL TECHNICIAN

## Education Requirements

Requirements for horticultural technician apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 16 years old and have a Grade 9 education or equivalent to enter a horticultural technician apprenticeship program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Horticultural Technician.



## Apprenticeship

Apprenticeship is one way of starting out in the construction industry. It involves both classroom studies and on-the-job training under the supervision of a certified Horticultural Technician, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for horticultural technicians vary across Canada, but generally involve four 12-month periods, including at least 4,800 hours of on-the-job training, four eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a horticultural technician program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Landscaper, usually you need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have a combination of on-the-job experience and some high school, college or industry courses in landscaping.

In addition to certification, you may require a provincial licence to apply chemical fertilizers, fungicides, herbicides and pesticides.

## Average Hourly Wage - Horticultural Technician

Low | Median | High

Canada: 14.50 | 20.50 | 38.00

Ontario: 16.00 | 20.00 | 40.00



# HVAC MECHANIC NOC 7313

HVAC mechanics install, maintain, and repair residential, commercial and industrial refrigeration and air conditioning systems, and combined heating, ventilation and cooling systems. They are employed by installation contractors, construction companies, food wholesalers, engineering firms and service establishments.

Scan this QR code with your phone's camera for more HVAC mechanic information & resources!



<https://www.careersinconstruction.ca/en/career/refrigeration-and-air-conditioning-mechanic>

## Duties

As an HVAC Mechanic, your duties may include:

- Installing, troubleshooting and overhauling entire heating, ventilation, air conditioning and refrigeration systems
- Measuring refrigeration or air conditioning components for installation
- Working with hand and power tools to install refrigeration or air conditioning components
- Measuring and cutting piping, and connecting piping using welding equipment
- Testing heating, ventilation, air conditioning and refrigeration systems for leaks
- Performing routine maintenance
- Repairing and replacing components for entire heating, ventilation, air conditioning and refrigeration systems
- Reading and interpreting blueprints

## Work Conditions

The standard work week for refrigeration and air conditioning mechanics is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Refrigeration/Air Conditioning Mechanic, your work conditions may vary from one project to another. You may work indoors or outdoors, alone or with a team of construction professionals. As with all careers in the construction industry, safety is the top priority.



# HVAC MECHANIC

## Education Requirements

Requirements for HVAC mechanic apprenticeship programs vary across Canada. In most provinces and territories:

- You must be at least 16 years old and have a Grade 12 education or equivalent to enter the program.
- You may find it helpful to have courses in math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as an HVAC Mechanic.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Refrigeration/Air Conditioning Mechanic, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 40% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

The program duration set in regulations for the trade of HVAC Mechanic is 9000 hours (approximately five years) consisting of:

- 8,280 hours of on-the-job work experience and;
- 720 hours of in-school training.

Related work experience or completion of a floor covering installer program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as an HVAC Mechanic, you usually need to complete a three- to four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than five years of on-the-job experience and some high school, college or industry courses in HVAC.

As a certified HVAC Mechanic, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as an HVAC Mechanic anywhere in Canada.

## Average Hourly Wage - HVAC Mechanic

Low | Median | High

Canada: 18.00 | 32.29 | 48.00

Ontario: 17.00 | 32.00 | 49.29

# PAINTER DECORATOR NOC 7294

Painters and decorators apply paint, wallpaper and other finishes to interior and exterior surfaces of buildings and other structures.

They are employed by construction companies, painting contractors and building maintenance departments, or they may be self-employed.

Scan this QR code with your phone's camera for more Painter Decorator information & resources!



[www.careersinconstruction.ca/en/career/painter-and-decorator](http://www.careersinconstruction.ca/en/career/painter-and-decorator)

## Duties

As a Painter and Decorator, your duties may include:

- Applying paint or other materials such as stains, lacquer or varnish using brushes, rollers or spray equipment
- Preparing and cleaning surfaces
- Removing old wallpaper and paint
- Repairing cracks and holes in walls
- Measuring, cutting and applying wallpaper or fabric to walls
- Building and installing scaffolding
- Advising customers on colour selection and choice of wall coverings

## Work Conditions

The standard work week for painters and decorators is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next. If you paint outdoors, your hours will depend on weather conditions. You may work long hours during the warmer months and fewer during winter.

As a Painter and Decorator, you may work indoors or outdoors, alone or with a team of other construction professionals. The work can be physically demanding – you may stand for long periods of time, often with your arms raised over your head.





# PAINTER DECORATOR

## Education Requirements

Requirements for painter and decorator apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 9 education or equivalent to enter the program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Painter and Decorator.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Painter and Decorator, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 55% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for painters and decorators vary across Canada, but generally involve three 12-month periods, including at least 3,900 hours of on-the-job training, three eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a painter and decorator program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Painter and Decorator, you usually need to complete a three-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than three years of on-the-job experience and some high school, college or industry courses for painters and decorators.

As a certified Painter and Decorator, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Painter and Decorator anywhere in Canada.

## Average Hourly Wage - Painter Decorator

Low | Median | High

Canada: 17.00 | 24.00 | 36.89

Ontario: 16.25 | 21.00 | 30.00

# PLUMBER NOC 7251

Plumbers install, repair and maintain pipes, fixtures and other plumbing equipment used for water distribution and wastewater disposal in residential, commercial and industrial buildings. They are employed by construction companies, plumbing contractors and maintenance departments, or they may also be self-employed.

Scan this QR code with your phone's camera for more Plumbing information & resources!



<https://www.careersinconstruction.ca/en/career/plumber>

## Duties

As a Plumber, your duties may include:

- Installing, repairing and maintaining domestic, commercial or industrial plumbing systems
- Marking positions for pipe connections and fixtures in walls and floors
- Cutting openings in walls and floors to accommodate pipes and pipe fittings
- Measuring, cutting, bending and installing pipes using hand and power tools
- Joining pipes using clamps, screws, bolts or cement
- Testing pipes for leaks
- Preparing cost estimates

## Work Conditions

The standard work week for plumbers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Plumber, you may work outdoors and indoors, alone or with a team of other construction professionals. The work can be physically demanding – you may have to stand or crouch for long periods of time, and you may have to lift heavy materials.



# PLUMBER

## Education Requirements

Requirements for plumber apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 16 years old and have a Grade 12 education or equivalent to enter the program. You must also have courses in math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Plumber.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Plumber, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 50% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for plumbers vary across Canada, but generally involve four 12-month periods, including at least 6,000 hours of on-the-job training, four eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a plumber program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Plumber, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than five years of construction experience and some high school, college or industry courses in plumbing.

As a certified Plumber, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Plumber anywhere in Canada.

## Average Hourly Wage - Plumber

Low | Median | High

Canada: 17.00 | 30.00 | 41.35

Ontario: 17.00 | 30.00 | 44.00



# POWERLINE TECHNICIAN



NOC 7244

Powerline Technicians build, maintain and repair overhead and underground electrical power lines. They are employed by electric power generation and distribution companies, electrical contractors and public utility commissions.

Scan this QR code with your phone's camera for more Powerline Technician information & resources!



<https://www.careersinconstruction.ca/en/career/lineworker>

## Duties

As a Powerline Technician, your duties may include:

- Installing, maintaining and repairing overhead and underground electrical systems, including power lines and cables, and street lighting systems
- Connecting and insulating conductors and related wiring
- Climbing ladders or operating hydraulic buckets when working on poles and towers

## Work Conditions

The standard work week for powerline technician is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next. You may be required to work shifts and could be called on at any hour in an emergency.

As a Powerline Technician, you will usually work outdoors, both above and below ground, and with a team of other construction professionals. You may have to travel from one job to another. The work is very physical and requires heavy lifting, carrying and reaching, sometimes at considerable heights.



# POWERLINE TECHNICIAN

## Education Requirements

Requirements for Powerline Technician apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 11 education or equivalent to enter a Power Technician apprenticeship program. You may find it helpful to have courses in math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Powerline Technician.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Powerline Technician, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 50% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for Lineworkers vary across Canada, but generally involve four 12-month periods, including at least 6,375 hours of on-the-job training, three seven-week blocks of technical training and a final certificate exam.

Related work experience or completion of a lineworker program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Lineworker, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses for Lineworkers.

As a certified Lineworker you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Lineworker anywhere in Canada.

## Average Hourly Wage - Powerline Technician

Low | Median | High

Canada: 23.00 | 39.00 | 51.67

Ontario: 20.00 | 36.00 | 46.14

# ROOFER NOC 7291

Roofers install, repair or replace flat roofs and shingles, shakes or other roofing tiles on sloped roofs. They may also waterproof basements, foundations and decks. As a Roofer, you will be employed by roofing and general contractors for construction or repair jobs, or you may be self-employed.

Scan this QR code with your phone's camera for more roofer information & resources!



<https://www.careersinconstruction.ca/en/career/roofershingler>

## Duties

As a Roofer, your duties may include the following:

- Installing, repairing or replacing roofing systems using materials such as asphalt and gravel
- Installing, repairing or replacing shingles and other roofing tiles
- Applying waterproof coatings to concrete surfaces
- Installing and repairing metal roofs using hand and power tools
- Installing scaffolding to provide safe access to roofs
- Estimating required materials and costs

## Work Conditions

The standard work week for roofers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

Most roofers work steadily throughout the year because roof systems need to be replaced every 15 to 20 years.

As a Roofer, you will work mostly outdoors, and with a crew of other construction professionals. The job can be physically demanding – you may have to lift heavy materials, and roofing can be quite hot during the summer.

As with all careers in the construction industry, safety is the top priority. Roofers are trained to work safely and wear special equipment such as safety harnesses to protect against injury.





# ROOFER

## Education Requirements

Requirements for roofer apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 9 education or equivalent to enter the program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Roofer.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Roofer, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 65% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for roofers vary across Canada, but generally involve four 12-month periods, including at least 5,860 hours of on-the-job training, three six-week blocks of technical training and a final certificate exam.

Related work experience or completion of a roofer program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Roofer, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

If you have more than three years of on-the-job experience and some high school, college or industry courses in roofing/shingling, you may be eligible for certification in some provinces and territories.

As a certified Roofer, you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Roofer anywhere in Canada.

## Average Hourly Wage - Roofer

Low | Median | High

Canada: 18.00 | 26.00 | 39.05

Ontario: 18.00 | 24.00 | 35.00

# SHEET METAL WORKER NOC 7233

Sheet metal workers fabricate, assemble, install and repair sheet metal products – from furnaces and ventilating systems to all sheet metal products used in the construction industry.

They are employed by sheet metal, air-conditioning, heating and roofing contractors, or they can be self-employed.

Scan this QR code with your phone's camera for more Sheet Metal Worker information & resources!



<https://www.careersinconstruction.ca/en/career/sheet-metal-worker>

## Work Conditions

The standard work week for sheet metal workers is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Sheet Metal Worker, you may work indoors or outdoors, on construction sites or in a shop. You may work independently, but may also collaborate with other construction professionals. The job can be physically demanding – you may work at considerable heights and have to lift heavy materials and equipment.

## Duties

Sheet metal workers may specialize in on-site installation or shop manufacturing of sheet metal products, or in servicing and maintenance of installed equipment and systems. Depending on your speciality, your duties may include:

- Building and installing products such as eaves-troughs, air and heat ducts, roof decking and sheet metal buildings
- Laying out, measuring and marking sheet metal
- Working with computerized equipment to cut, bend or straighten sheet metal
- Welding sheet metal parts
- Polishing seams, joints and rough surfaces



# SHEET METAL WORKER

## Education Requirements

Requirements for sheet metal worker apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 18 years old and have a Grade 12 education or equivalent to enter the program. You may also find it helpful to have courses in geometry and math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Sheet Metal Worker.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Sheet Metal Worker, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 50% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the journeyperson rate.

Apprenticeship training programs for sheet metal workers vary across Canada, but generally involve four 12-month periods, including at least 5,700 hours of on-the-job training, four 10-week blocks of technical training and a final certificate exam.

Related work experience or completion of a sheet metal worker program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirement

To be certified as a Sheet Metal Worker, you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than four years of on-the-job experience and some high school, college or industry courses for sheet metal workers.

As a certified Sheet Metal Worker, you may write the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Sheet Metal Worker anywhere in Canada.

## Average Hourly Wage - Sheet Metal Worker

Low | Median | High

Canada: 19.00 | 30.56 | 40.43

Ontario: 18.00 | 30.00 | 41.63



# STEAMFITTER NOC 7252

Steamfitters prepare, assemble, fabricate, maintain, troubleshoot and repair piping systems that carry water, steam, chemicals and fuel in heating, cooling, lubricating and other process piping systems.

They are employed by pipeline construction contractors, thermal or steam generating plants, utility companies, oil refineries, pulp mills, and gas and chemical plants. They may also be self-employed.

Scan this QR code with your phone's camera for more Steamfitter information & resources!



<https://www.careersinconstruction.ca/en/career/steamfitterpipefitterspri nkler-system-installer>

## Work Conditions

The standard work week for steamfitters is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Steamfitter, you may work indoors and outdoors, often at physically demanding tasks that may require climbing. You may have to travel for some jobs and live on-site at a company camp.

## Duties

As a Steamfitter/Pipefitter, your duties may include:

- Installing supports, valves, piping and control systems
- Welding pipes to form piping systems
- Measuring, cutting, threading and bending piping, by hand and with power tools
- Cutting openings for piping in walls, floors and ceilings
- Selecting type and size of piping
- Cleaning and maintaining pipes
- Preparing cost estimates
- Reading and interpreting blueprints



# STEAMFITTER

## Education Requirements

Requirements for steamfitter/pipefitter apprenticeship programs vary across Canada. In most provinces and territories, you must be at least 16 years old and have a Grade 10 education or equivalent to enter the program. You may also need to have completed courses in math.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Steamfitter/Pipefitter.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Steamfitter, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 45-50% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for steamfitters, pipefitters and sprinkler system installers vary across Canada. For steamfitters they generally involve four 12-month periods, including at least 6,000 hours of on-the-job training, four eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a steamfitter/pipefitter program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Steamfitter/Pipefitter you usually need to complete a four-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than five years of on-the-job experience and some high school, college or industry courses in steamfitting/pipefitting.

As a certified Steamfitter/Pipefitter, you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Steamfitter/Pipefitter anywhere in Canada.

## Average Hourly Wage - Steamfitter

Low | Median | High

Canada: 24.00 | 40.00 | 45.79

Ontario: 24.35 | 40.96 | 47.14

# WELDER NOC 7237

Welders operate welding equipment to weld ferrous and non-ferrous metal parts such as pipes, vessels, and other components used in construction or manufacturing. Welders may also add layers of metal to build up worn parts.

They are employed by construction companies, welding contractors and welding shops, or they may be self-employed.

Scan this QR code with your phone's camera for more Welder information & resources!



<https://www.careersinconstruction.ca/en/career/welderrelated-machine-operator>

## Duties

As a Welder, your duties may include:

- Operating manual or semi-automatic welding equipment to join metal parts
- Shaping metal parts
- Repairing worn metal products by welding on extra layers
- Reading and interpreting blueprints

## Work Conditions

The standard work week for welders and related machine operators is 40 hours (8 hours a day, 5 days a week). As with many careers in construction, there are peak periods that will require you to work overtime. The number of additional hours you work each week depends on the construction sector and region you work in, and will vary from one job to the next.

As a Welder, you may work outdoors on construction sites or indoors in production and repair shops. You will often work independently, but will interact with other construction professionals. Depending on your line of work, you may have to travel to remote job sites such as oil fields.

The job can be physically demanding – you may have to stand for long periods of time or work in awkward positions.





# WELDER

## Education Requirements

Requirements for welder apprenticeship programs vary across Canada. In most provinces and territories, you must have a Grade 9 education or equivalent to enter the program.

Some provinces and territories offer secondary school apprenticeship programs that allow high school students to work towards a career as a Welder.



## Apprenticeship

Apprenticeship involves both classroom studies and on-the-job training under the supervision of a certified Welder, called a journeyperson.

As an apprentice, you earn while you learn and are paid by the hour while working on the job site. Wages start at about 60% of a journeyperson's hourly rate and increase during your apprenticeship until you reach the full rate.

Apprenticeship training programs for welders vary across Canada, but generally involve three 12-month periods, including at least 4,680 hours of on-the-job training, three eight-week blocks of technical training and a final certificate exam.

Related work experience or completion of a welder program at a college or technical institute can reduce the time required to complete your apprenticeship.

## Certification Requirements

To be certified as a Welder, you usually need to complete a three-year apprenticeship program. Once you successfully complete the required on-the-job training, technical training and exams, you are awarded a journeyperson certificate.

You may be eligible for certification in some provinces and territories if you have more than three years of on-the-job experience and some high school, college or industry courses in welding.

As a certified Welder, you may attempt the Interprovincial Exam to qualify for the Interprovincial Standards' Red Seal. With a Red Seal, you can work as a Welder anywhere in Canada.

## Average Hourly Wage - Welder

Low | Median | High

Canada: 18.00 | 25.00 | 40.00

Ontario: 17.85 | 23.50 | 34.00

# PATH TO APPRENTICESHIP

## OYAP

The Ontario Youth Apprenticeship Program (OYAP) is a School to Work program that opens the door for students to explore and work in apprenticeship occupations starting in Grade 11 or Grade 12 through the Cooperative Education program. Students have an opportunity to become registered apprentices and work towards becoming certified journeypersons in a skilled trade while completing their secondary school diplomas.

The goals of OYAP are:

- To provide students with the opportunity to start training in a skilled trade while completing the requirements for an Ontario Secondary School Diploma;
- To enable students to make the school to work transition by direct entry into apprenticeship training;
- To provide employers with the opportunity to train the skilled workers they require;
- To provide a viable solution to address the problem of skilled tradespeople shortages in general, and specifically the lack of young people joining the trades.

Learn more about the application process here: [https://oyap.ca/en/about\\_oyap/how\\_to\\_apply/](https://oyap.ca/en/about_oyap/how_to_apply/)

## SHSM

The Specialist High Skills Major program let students focus on a career path that matches their skills and interests. Each major is a bundle of eight-to-10 classroom courses, workplace experiences and sector certifications in a field.

Students who choose a major will learn on the job with employers at skills training centres and in school. They can earn valuable industry certifications, including first aid and CPR.

Eligible students are those who are heading for university, college, apprenticeship or the workplace.

Students who complete their major receive a special designation on their secondary school diploma.

Learn more about the SHSM program here: [www.ontario.ca/shsm](http://www.ontario.ca/shsm)



# PATH TO APPRENTICESHIP

## Dual Credit Program

Students enrolled in dual credit programs participate in apprenticeship training and post-secondary courses, earning dual credits that count toward both their high school diploma, post-secondary diploma and degree or apprenticeship certification. Students who need learning opportunities outside of high school would benefit from a college or apprenticeship experience. Students have the opportunity to:

- Earn high school credits while studying at a local college or taking apprenticeship training.
- Gain experience that will help them with their post-secondary education or apprenticeship.
- Get a head start on learning and training for their future careers.

For more information, contact your high school guidance counsellor.

## Pre-Apprenticeship Training

If you're interested in working in a trade but don't have the skills or experience to get a job as an apprentice, you can apply for this training.

You can get this training through different organizations, such as colleges or community agencies, across Ontario.

It's very affordable! Costs for textbooks, safety equipment and tools are usually covered. The training goes for up to 52 weeks and starts at different times throughout the year.

You can receive:

- safety training for skilled trades
- training to improve your academic skills
- basic level apprenticeship in-school training

Pre-apprenticeship training also includes a work placement for 8-12 weeks.


There are programs for youth or adults who:

- graduated from high school
- left before finishing high school
- are unemployed or underemployed (age and eligibility for Employment Insurance are not considered)
- are Indigenous, newcomers to Canada, women, Francophone or youth-at-risk

Learn more about the application process here: <https://www.ontario.ca/page/prepare-apprenticeship>

**Explore the pre-apprenticeship programs we offer here!**

GTTI Website: <https://gtti.ca/skilled-trades-institute/programs/>



**GTTI / STI  
offers these  
programs! Ask us  
for more info!**



# PATH TO APPRENTICESHIP

## College Programs (Not Comprehensive)



**CENTENNIAL  
COLLEGE**

**Toronto**

Heavy Equipment Technician, Construction, Electrical, HVAC, Mechanical Engineering Technician programs.



**CONESTOGA**  
Connect Life and Learning

**Cambridge**

Carpentry, Construction (Plumbing, Electrical, Carpentry, Masonry, Welding), Electrical, HVAC, Heavy Equipment Operator, Mechanical Technician, Plumbing, Powerline technician, Welding programs.



**FANSHAWE** **London**

Carpentry, Construction, Electrical, Hairstylist, HVAC, Mechanical Technician, Plumbing, Welding programs.



**Fleming College** **Peterborough**

Carpentry, Electrical, HVAC, Heavy Equipment Operator, Plumbing, Welding programs.



**Toronto**

Carpentry, Construction, Electrical, HVAC, Mechanical Technician, Plumbing, Welding programs.



**Georgian** **Barrie**

Cabinetmaking, Carpentry, Electrical, Gas, Hairstyling, HVAC, Mechanic, Plumbing & Welding programs.



**Sheridan** **Brampton**

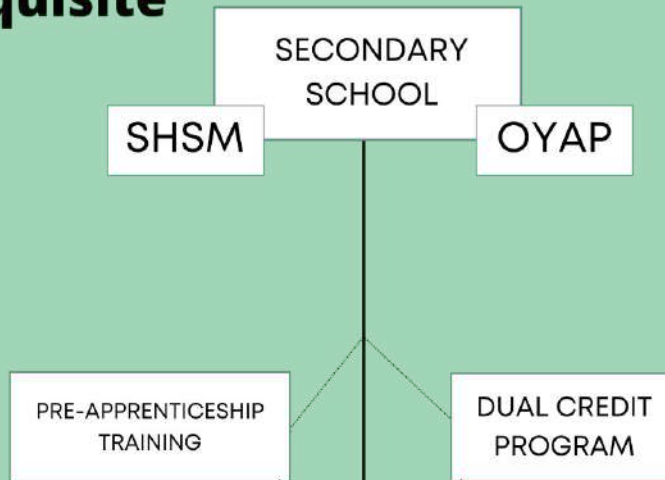
Craft & Design (Furniture), Electrical, Mechanical Technician, Tool & Die Making, Plumbing, Welding programs.

**Seneca** **Toronto**

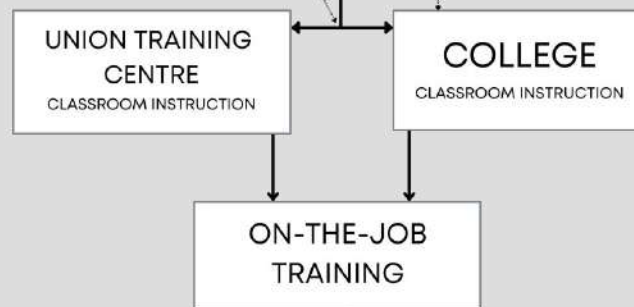
HVAC, Mechanical Technician, Tool & Die Making programs.

# CAREER PATHWAY FLOWCHART

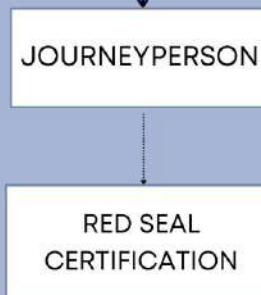
## Pre-Requisite



## Apprenticeship



## Certification



# FUNDING

## Apprenticeship Incentive Grant (AIG)

A taxable cash grant of \$1,000 per year or level, for a lifetime maximum amount of \$2,000 per person.

Eligibility:

- be a Canadian citizen, permanent resident, or protected person
- not be a high school student
- have the required AIG supporting documents;
- register with your provincial/territorial apprenticeship authority as an apprentice in a designated Red Seal trade, and
- provide proof that you have successfully completed either the 1st and/or 2nd year or level (or equivalent) in a designated Red Seal trade

If you progressed between January 1, 2019 and December 31, 2020, your deadline to submit an application is: 18 months following your date of progression.

If you progressed on or after January 1, 2021, your deadline to submit an application is: 12 months following your date of progression.



Scan this QR code with your phone's camera for more AIG information!

<https://www.canada.ca/en/employment-social-development/services/apprentices/grants.html>

## Apprenticeship Completion Grant (ACG)

A one-time taxable cash grant lifetime amount of \$2,000 per person for registered apprentices who complete their apprenticeship training and obtain their journeyperson certification.

Eligibility:

- be a Canadian citizen, permanent resident, or protected person
- not be a high school student
- have the required ACG supporting documents
- show that you have completed an apprenticeship program as a registered apprentice in a designated Red Seal trade, and
- provide proof of your journeyperson certification in a designated Red Seal trade

If you completed your program between January 1, 2019 and December 31, 2020, your deadline to submit an application is: 18 months following your date of progression.

If you completed your program on or after January 1, 2021, your deadline to submit an application is: 12 months following your date of progression.



Scan this QR code with your phone's camera for more ACG information!

<https://www.canada.ca/en/employment-social-development/services/apprentices/grants.html>



## Apprenticeship Incentive Grant for Women

A taxable cash grant of \$3,000 per year/level (or equivalent) up to a maximum amount of \$6,000 per person.

### Eligibility:

- be a Canadian citizen, permanent resident, or protected person
- not be a high school student
- self-identify as a woman
- have the required AIG-W supporting documents (see website)
- register with your provincial/territorial apprenticeship authority as an apprentice in a designated Red Seal trade having low female representation
- have progressed in your training in designated Red Seal trades on or after April 1, 2018, and
- provide proof that you have successfully completed either the 1st and/or 2nd year/level (or equivalent) of apprenticeship.

If you progressed between January 1, 2019 and December 31, 2020, your deadline to submit an application is: 18 months following your date of progression.

If you progressed on or after January 1, 2021, your deadline to submit an application is: 12 months following your date of progression.

## Canada Apprentice Loan

The Canada Apprentice Loan is an initiative of the Government of Canada to help you complete your apprenticeship in a designated Red Seal trade.

With the Canada Apprentice Loan, you can get up to \$4,000 in interest-free loans per period of technical training. You can use the money to help pay for tuition, tools, equipment and living expenses, to cover forgone wages or to help support your family.

You will not have to make payments on your Canada Apprentice Loan, and no interest will accumulate, until after you complete or leave your apprenticeship training program.

Visit the Canada Apprentice Loan Online Service website for more details and to apply online for quicker service.



Scan this QR code with your phone's camera for more AIG-W information!  
<https://www.canada.ca/en/employment-social-development/services/apprentices/grants.html>



Scan this QR code with your phone's camera for more Canada Apprentice Loan information!  
<https://www.pca-cal.ca/en/Home>

# FUNDING

## Apprenticeship Completion Bonus (Non-Red Seal)

This \$2,000 taxable cash grant is available to those who are out of high school and have completed their training in a non-Red Seal trade.

To qualify, you must:

- have gotten your Certificate of Apprenticeship in a trade that either:
  - does not have a Certificate of Qualification exam, or
  - has only a provincial (non-Red Seal) Certificate of Qualification exam
- have been issued a Certificate of Apprenticeship or Certificate of Qualification no more than 180 days prior to the date you are applying, examples:
  - if your certificate was issued on August 31, 2016 you must apply by February 27, 2017
  - if your certificate was issued on March 1, 2017 you must apply by August 28, 2017



Scan this QR code with your phone's camera for more details!

<https://www.ontario.ca/page/finish-apprenticeship#section-6>

## Ontario Tools Grant

As an apprentice, this grant will help you pay for tools and equipment for your trade.

The amount of the grant depends on which trade sector you're apprenticing in. The grant amounts are as follows:

- \$1,000 for motive power sector trades
- \$600 for construction sector trades
- \$600 for industrial sector trades
- \$400 for service sector trades

To qualify for the grant, you must have:

- completed or been exempted from level one in-class training, on or after April 1, 2020
- a registered training agreement
- been registered as an apprentice for at least 12 months



Scan this QR code with your phone's camera for more information!

<https://www.canada.ca/en/employment-social-development/services/apprentices/grants.html>

## Employment Insurance for Apprentices

If you have been referred by your province or territory to attend full-time technical training (sometimes referred to as block-release training), you may be eligible to receive Employment Insurance (EI) benefits while unemployed and attending your course.

Get your reference code before you apply for EI

- You must provide proof of referral to receive EI benefits. Your province, territory, or training institution will issue you a 16 digit reference code as proof of referral when you are approved to attend full-time technical training. You will be asked to provide it when you complete your online application.
- If you do not know, or have not received your reference code, contact your province, territory, or training institution before you go on full-time technical training.

For application instructions and more information, scan the QR code or visit the website link.



Scan this QR code with your phone's camera for more details!

<https://www.canada.ca/en/employment-social-development/services/apprentices/ei-apprentices.html>

## Grant for full-time Study

Most trades require you to do two or three levels of classroom training during an apprenticeship. Each level lasts eight to 12 weeks, depending on the trade. You can take these classes on a part-time or full-time basis. Some people can get Employment Insurance (EI) for financial support while studying full-time.

If you do not qualify for EI, you can apply for a grant of up to \$3,600.

To qualify for the grant, you must have:

- Attended class on a full-time basis
- Passed the level of classroom instruction at an approved facility (for example, college or union training centre)
- Registered as an apprentice with the ministry

You have 180 days from the last day of class for that particular level to apply.



Scan this QR code with your phone's camera for more information!

<https://www.ontario.ca/page/start-apprenticeship#section-4>



# FINDING AN EMPLOYER

While there are many methods to finding employers, a majority of job postings these days are found on employment websites online. Unfortunately, that means that resumes are put through algorithms to match candidates with employers based on strict guidelines.

## Optimizing Your Resume

### 1. Include Relevant Keywords

It is important to edit your resume for different positions when applying online to improve the visibility of your resume to the employer by altering keywords taken directly from the listing.

### 2. Simplify and Streamline Your Resume

Your resume should be easy on the eyes and clear to follow. There is no 'right' way to do this, just make it clear and concise without leaving out key info and words. You can find templates online with any search engine.

### 3. Do Your Research

Researching the company can give you an idea of what skills to highlight and what past experience is most relevant. You can also research resumes of people in the field to see what they included to get the job they have.

### 4. Use Headline and Summary to Stand Out

Many employment websites allow you to use a headline and summary to go with your resume. Creating a bold yet simple headline and summary tailored to your field can increase your visibility to employers.

### 5. Highlight Measurable Success of Previous Experiences

Including details of major projects, deliverables or performance statistics of previous work experience (when available) can quantify your success, allowing employers to gauge your employability.

## Employment Websites

Apprentice Search - [www.apprenticesearch.com](http://www.apprenticesearch.com)

Job Bank Canada - [jobbank.gc.ca/home](http://jobbank.gc.ca/home)

Workopolis - [workopolis.com/en/](http://workopolis.com/en/)

Local Work - [localwork.ca](http://localwork.ca)

Indeed - [ca.indeed.com](http://ca.indeed.com)



# ADDITIONAL RESOURCES

## Trades Education

- Georgina Trades Training Inc.: [www.gtti.ca/](http://www.gtti.ca/)
- GTTI Skilled Trades Institute: [www.gtti.ca/skilled-trades-institute/](http://www.gtti.ca/skilled-trades-institute/)
- Ontario Colleges: [www.ontariocolleges.ca/en/](http://www.ontariocolleges.ca/en/)

## Trades Information

- Careers in Construction: [www.careersinconstruction.ca/en](http://www.careersinconstruction.ca/en)
- Ontario College of Trades: [www.collegeoftrades.ca/](http://www.collegeoftrades.ca/)
- The Red Seal Program: [www.red-seal.ca](http://www.red-seal.ca)

## Employment Resources

- Apprentice Search: [www.apprenticesearch.com](http://www.apprenticesearch.com)
- Job Bank Canada: [www.jobbank.gc.ca](http://www.jobbank.gc.ca)
- Workopolis: [www.workopolis.com/en/](http://www.workopolis.com/en/)
- Local Work: [www.localwork.ca](http://www.localwork.ca)
- Indeed: [ca.indeed.com](http://ca.indeed.com)



Georgina Trades Training Inc.  
5207 Baseline Rd.  
P.O. Box 699 Sutton,  
ON L0E 1R0  
905-722-6300  
[inquiry@gtti.ca](mailto:inquiry@gtti.ca)

**Connect with us!**  
[gtti.ca](http://gtti.ca)



@georginatradetraining



@georginatrades



@georgina\_trades