



THE SKILLED TRADES HANDBOOK

**A Guide to the World of Skilled Trades
and Apprenticeship in Ontario
2018**

Published by



Your Partner in Innovative Workforce Solutions



Serving the counties of Prince Edward, Hastings and Lennox & Addington.

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What is an Apprentice?

DEFINITION: n.1 (often attrib.) a person who is learning a trade from an experienced skilled worker and who has agreed to work for a set amount of time in that trade.



How does an apprenticeship work?



TO BECOME AN APPRENTICE: a person must find an employer willing to register and train them.



A CERTIFIED JOURNEYPERSON trains the apprentice, while, at the same time, the apprentice goes to school for classroom theory.



Once training and certification is complete, you become a certified Journeyman in your trade.



Some skilled trades require a **CERTIFICATE OF QUALIFICATION.** This certificate shows that you are able to perform all the necessary skills in your trade.

**CONTACT YOUR LOCAL
TRAINING AND
APPRENTICESHIP OFFICE:**

**MINISTRY OF TRAINING,
COLLEGES, AND
UNIVERSITIES**
[Apprenticeship Office](#)

135 North Front St,
Belleville, K8P 3B5

613-968-5558

1-888-JOBGROW



FACTS:

40%

Of the jobs in 2025 are expected to be in the skilled trades.

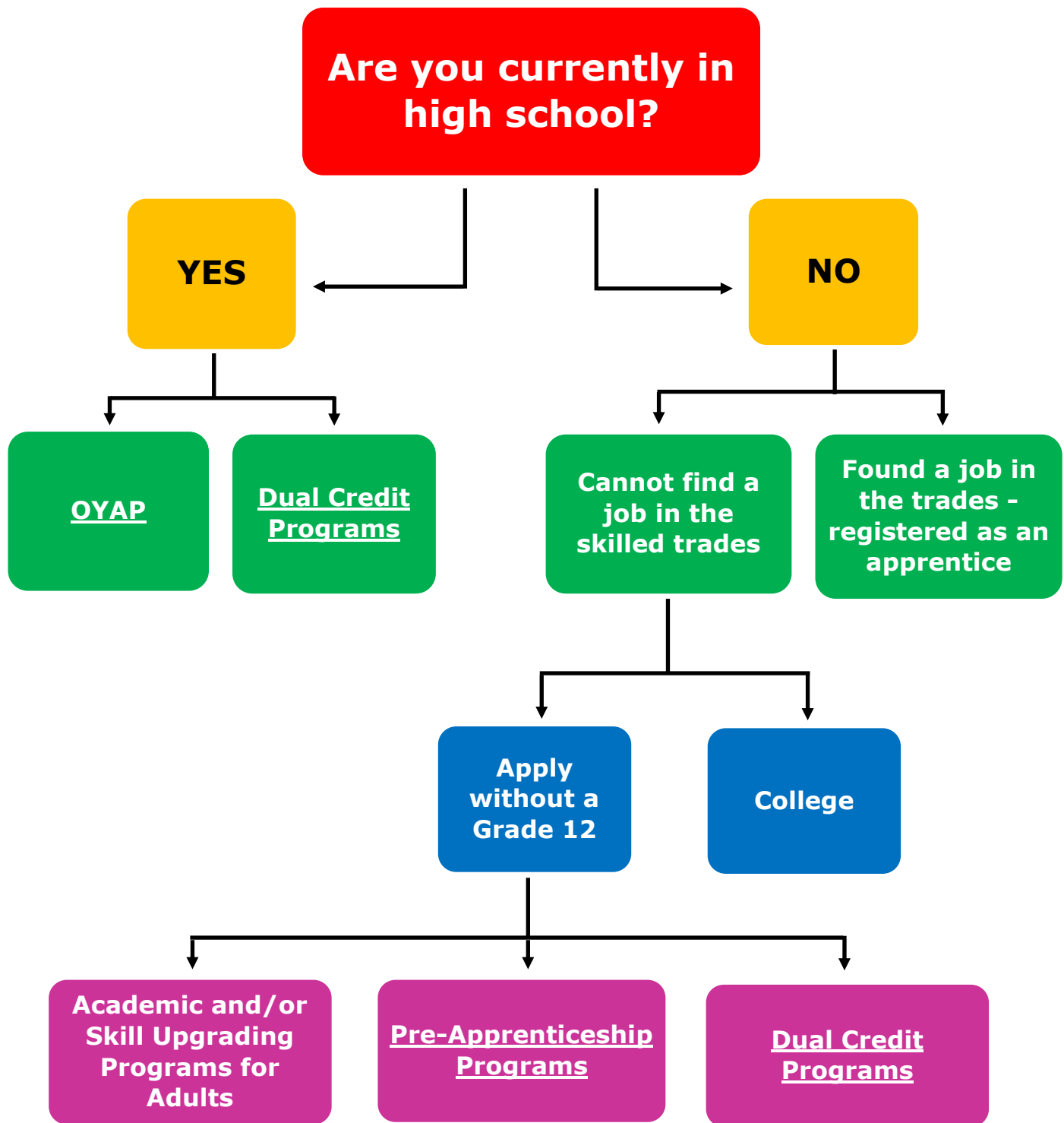
**1.2
Million**

Skilled labour shortages are expected to occur in Canada by 2025.

About 90% of training takes place on the job.

About 10% of training is done in the classroom.

Pathways to Apprenticeship



Ontario Youth Apprenticeship Program (OYAP)

What is OYAP?



A high school program that allows students to work as an apprentice through the Cooperative Education Program (Co-op)



Students can work as registered apprentices, while, at the same time, they complete credits needed to earn their Ontario Secondary School Diploma (OSSD).

BENEFITS



Earn credits towards your OSSD as well as apply hours worked towards a journeyperson certificate.



Students may participate in some of the regular apprenticeship training courses through OYAP.



Students may earn a wage during the on-the-job portion of the program.



Return to regular classroom programs after one semester with no penalty.



Return to apprenticeship pathways

Click on the icon for more info



OYAP: Steps to Apply

You must be working on completing your OSSD and have at least 16 credits towards your OSSD before you start a Co-op.



Choose a trade.



Enroll in a Co-op so you can get a placement and participate in OYAP.



Speak to a Guidance Counselor or Co-op teacher. They can help you find a program that is right for you.



Fill out an OYAP application form so you can enroll with the Ministry of Advanced Education and Skills Development.



The time spent as an apprentice in the workplace will count as credits towards your OSSD.

Apprenticeship Requirements:



- Students must be placed with a qualified employer and follow an on-the-job training program based on specific trade standards.
- They may also receive related theoretical instruction.



Return to apprenticeship pathways

Click on the icon for more info



Apprenticeship via Dual Credit Program

Dual credit programs are ministry-approved programs that allow students to complete their OSSD and a college diploma, degree, or Certificate of Apprenticeship.



Courses are delivered by both college instructors and secondary school teachers. Students work on approved Ontario secondary school work as well as approved college curriculum.



The focus of these programs is on students who have the potential to succeed but are at risk of not graduating from high school or students under 21 who left high school before graduating and are now returning to school.



OYAP Students in Specialist High Skills Major programs and students who want help with the transition into post-secondary may also participate.



**Return to
apprenticeship
pathways**

**Click on icon for more info
on Dual Credit Programs**



Pre-Apprenticeship Programs

This training is for those who are interested in working in a trade but don't have the skills or experience to get a job as an apprentice.

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 an 8-12 week work placement.

These services are free and the training can be done through colleges or community agencies across Ontario.

To QUALIFY you must be an adult or youth who:

- Graduated high school or
- Left before finishing high school or
- Are currently unemployed or underemployed

To APPLY:

Click the icon to search for a program near you – scroll down on the webpage and select “pre-apprenticeship” under the “Apprentice” drop-down menu.



**Return to
apprenticeship
pathways**

Skills Matter!

Many of today's trades require strong math, science, reading and communication skills.



Time To Upgrade

Adult learning is about you, your goals and needs.

Scenario 1: Person Age 21

- Learns differently
- Classroom was not a good fit
- Needs flexibility - works shift work
- Wants to do an apprenticeship but not sure where to start
- Contacted local Learning Centre about upgrading skills
- 2nd step College evening program - **SUCCESS**

Scenario 2: Person Age 43

- Laid off from a long time job
- Needs computer skills
- Wants to go to college
- Referred by local Learning Centre to College Access program
- Gained entrance to desired program at college after completing the courses needed - **SUCCESS**

Scenario 3: Person Age 32

- Children have started school
- Didn't graduate from grade 12
- Ready to enter the workforce but wants to get diploma first
- Contacted local Learning Centre for upgrading before entering credit programs
- Ongoing support from Learning Centre during credit process - **SUCCESS**

Scenario 4: Person Age 57

- Feel they don't have the skills needed to move into a new position at workplace
- Assessment at local Learning Centre helped to identify areas they want to improve
- Upgraded computer skills and took some online courses to help develop confidence
- Applied for a new position when the next one came up - **SUCCESS**



FINANCIAL SUPPORT

Below are some financial resources for Apprentices and Tradespersons as well as for Employers and Sponsors. Click on the links for more details.

Apprentices and Tradespersons

Resource	Source
Apprenticeship Incentive Grant (AIG)	Service Canada
Apprenticeship Completion Grant (ACG)	Service Canada
Apprenticeship Completion Bonus in Non-Red Seal Trades	MTCU
Grant for fulltime study/support to Non EI eligible Apprentices	MTCU
Loans for Tools	MTCU
Tradesperson's Tools Deduction	Canada Revenue
Canada Apprentice Loan	ESDC

Employers and Sponsors

Resource	Source
Graduated Apprenticeship Grant for Employers (GAGE)	Service Ontario
Apprenticeship Job Creation Tax Credit (AJCTC)	Canada Revenue
Apprenticeship Completion Employer Bonus	MTCU



GLOSSARY

C

Compulsory Trade: A trade in which registration as an apprentice, journeyperson candidate or certification as a journeyperson is mandatory

Certificate of Qualification (C of Q)

Confirms its holder has the skills, knowledge and experience that meet industry standards of practice for the trade.

ESDC

Employment and Social Development Canada

MTCU

Ministry of Training Colleges and Universities

NOC

National Occupational Classification.

Note: A NOC Code may include a number of different occupation names.

OCOT

Ontario College Of Trades

Note: In late 2018, the Ontario Government is winding down OCOT and will develop a replacement model with expected implementation in early 2019.

OYAP

Ontario Youth Apprenticeship Program

Red Seal



Interprovincial Red Seal Trades: designated trades that are governed by regulations under the Provincial and Territorial Apprenticeship Acts.

V

Voluntary Trade: A trade in which certification and College membership are not legally required to practice the trade.



LIST OF TRADES

Some Trades have been omitted due to lack of information. Contact your local MTCU office for information of trades not listed in this document.

A

- ❖ [Aboriginal Child Development Practitioner](#)
- ❖ [Agriculture – Dairy Herdsperson](#)
- ❖ [Agriculture – Fruit Grower](#)
- ❖ [Agriculture - Swine Herdsperson](#)
- ❖ [Alignment & Brakes Technician](#)
- ❖ [Appliance Service Technician](#)
- ❖ [Arborist/Utility Arborist](#)
- ❖ [Architectural Glass and Metal Technician](#)
- ❖ [Auto-Body & Collision Damage Repairer/ Auto-Body Repairer](#)
- ❖ [Automotive Electronic Accessory Technician](#)
- ❖ [Automotive Glass Technician](#)
- ❖ [Automotive Painter](#)

B

- ❖ [Baker/Pâtissier](#)
- ❖ [Bearings Mechanic](#)
- ❖ [Blacksmith](#)
- ❖ [Boilermaker](#)

C

- ❖ [Cabinet Maker](#)
- ❖ [Carpenter \(General\)](#)
- ❖ [Cement Finisher](#)
- ❖ [Chef](#)
- ❖ [Child & Youth Worker](#)
- ❖ [Child Development Practitioner](#)

- ❖ [Composite Structure Technicians](#)
- ❖ [Computer Numerical Control \(CNC\) Programmer](#)
- ❖ [Concrete Pump Operator](#)
- ❖ [Construction Craft Worker](#)
- ❖ [Cook /Assistant Cook/Institutional Cook](#)

D

- ❖ [Developmental Services Worker](#)
- ❖ [Die Designer](#)
- ❖ [Draftsperson-Mechanical, Plastic Mould, Tool & Die](#)
- ❖ [Drywall Acoustics & Lather Applicator, Plasterer & Finisher](#)

E

- ❖ [Educational Assistant](#)
- ❖ [Electric Motor System Technician](#)
- ❖ [Electrical Control \(Machine\) Builder](#)
- ❖ [Electrician, Construction & Maintenance, Domestic & Rural](#)
- ❖ [Electrician - Industrial](#)
- ❖ [Electronics Service Technician](#)
- ❖ [Elevating Devices Mechanic](#)
- ❖ [Entertainment Industry Power Technician](#)
- ❖ [Exterior Insulated Finishing Systems Mechanic](#)



LIST OF TRADES

Continued

F

- ❖ [Facilities Mechanic](#)
- ❖ [Facilities Systems Technician](#)
- ❖ [Fitter-Assembler \(Motor assembly\)](#)
- ❖ [Floor Covering Installer](#)
- ❖ [Fuel & Electrical Systems Technician](#)

G

- ❖ [Gemsetter/ Goldsmith](#)

H

- ❖ [Hairstylist](#)
- ❖ [Hardware, Lumber & Building Materials Retailer](#)
- ❖ [Hazardous Materials Handler](#)
- ❖ [Heat and Frost Insulator](#)
- ❖ [Heavy Duty/Agricultural Equipment Technician](#)
- ❖ [Heavy Equipment Operator: Dozer, Excavator, Tractor Loader Backhoe](#)
- ❖ [Hoisting Engineer: Mobile Crane Operator 1&2, Tower Crane Operator](#)
- ❖ [Horse Groom](#)
- ❖ [Horse Harness Maker](#)
- ❖ [Horticultural/Landscape Technician](#)
- ❖ [Hydraulic/Pneumatic Mechanic](#)

I

- ❖ [Information Technology Hardware Technician](#)
- ❖ [Information Technology Network Technician](#)
- ❖ [Information Technology-Contact Centre: Technical Support Agent, Inside Sales Agent, Customer Care Agent](#)
- ❖ [Instrumentation & Control Technician](#)

- ❖ [Iron Worker: General / Structural & Ornamental](#)

L

- ❖ [Locksmith](#)

M

- ❖ [Machine Tool Builder and Integrator](#)
- ❖ [Machinist \(General\)](#)
- ❖ [Marine Engine Technician](#)
- ❖ [Masons: Brick and Stone/Refractory](#)
- ❖ [Metal Fabricator \(Fitter\)](#)
- ❖ [Micro Electronics Manufacturer](#)
- ❖ [Millwright: Construction / Industrial Mechanic](#)
- ❖ [Motive Power Machinist](#)
- ❖ [Motorcycle Technician](#)
- ❖ [Mould: Maker / Designer / Die Finisher](#)

N

- ❖ [Native Clothing & Crafts Artisan](#)
- ❖ [Native Residential Construction Worker](#)
- ❖ [Network Cabling Specialist](#)

O

- ❖ [Optics Technician \(Lens & Prism Maker\)](#)

P

- ❖ [Packaging Machine Mechanic](#)
- ❖ [Painter & Decorator: Commercial & Residential / Industrial](#)
- ❖ [Parts Technician](#)
- ❖ [Pattern Maker](#)
- ❖ [Plumber](#)
- ❖ [Pool, Hot Tub & Spa Service Technician/ Installer](#)



LIST OF TRADES

Continued

P

- ❖ [Powered Lift Truck Technician](#)
- ❖ [Powerline Technician](#)
- ❖ [Precast Concrete Erector/Finisher](#)
- ❖ [Precision Metal Fabricator](#)
- ❖ [Process Operator: Food Manufacturing](#)
- ❖ [Process Operator: Power](#)
- ❖ [Process Operator: Refinery, Chemical & Liquid Processes](#)
- ❖ [Process Operator: Wood Products](#)
- ❖ [Pump Systems Installer](#)

R

- ❖ [Railway Car Technician](#)
- ❖ [Recreation Vehicle Technician](#)
- ❖ [Refrigeration and Air Conditioning Systems Mechanic](#)
- ❖ [Reinforcing Rodworker](#)
- ❖ [Relay and Instrumentation Technician](#)
- ❖ [Residential Air Conditioning Systems Mechanic](#)
- ❖ [Restoration Mason](#)
- ❖ [Retail Meat Cutter](#)
- ❖ [Roll Grinder/Turner](#)
- ❖ [Roofer](#)

S

- ❖ [Saddlery](#)
- ❖ [Saw Filer/Fitter](#)
- ❖ [Sheet Metal Worker / Residential \(low rise\) Installer](#)
- ❖ [Ski Lift Mechanic](#)
- ❖ [Small Engine Technician](#)
- ❖ [Special Events Coordinator](#)

- ❖ [Sprinkler and Fire Protection Installer](#)
- ❖ [Steamfitter](#)
- ❖ [Surface Blaster](#)
- ❖ [Surface Mount Assembler](#)

T

- ❖ [Terrazzo, Tile, and Marble Setter](#)
- ❖ [Tire Rim & Wheel Mechanic](#)
- ❖ [Tool & Cutter Grinder](#)
- ❖ [Tool & Die Makers/Tool/Tooling Makers](#)
- ❖ [Tool & Gauge Inspector](#)
- ❖ [Tractor Trailer Commercial Driver](#)
- ❖ [Transmission Technician](#)
- ❖ [Truck and Coach Technician](#)
- ❖ [Truck Trailer Service Technician](#)
- ❖ [Turf Equipment Technician](#)

W

- ❖ [Water Well Driller](#)
- ❖ [Welder/Pressure Systems Welder](#)



Aboriginal Child Development Practitioner

Plan, organize, and implement activities for preschool children to encourage their intellectual, physical, and emotional growth.

You will need to:

- Complete a total of **6480 HOUR** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for a local child care centre or a nursery school.

A.K.A

- Early Childhood Educator (ECE)
- Nursery School Teacher
- Day care coordinator
- Early Childhood Assistant

Show me the money

\$16/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Agriculture - Dairy Herdsperson

Perform a variety of farm tasks: plan, breed, feed, milk, treat, and medicate animals.

Operate and maintain farm machinery, clean and sterilize milk equipment.

You will need to:

- Complete a total of **5520 HOUR** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working in a farm environment where physical strength and the safe handling of equipment, machinery, livestock and chemicals are necessary.

A.K.A

- Cattle herdsperson
- Farm foreman/woman
- Farm supervisor
- Feedlot foreman/woman
- Ranch foreman/woman

Show me the money

\$17/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Agriculture– Fruit Grower

Plant and transplant fruit-producing plants.

Spray, prune, fertilize and harvest the fruit.

Maintain machinery and tools.

You will need to:

- Complete a total of **5520 HOUR** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working in a farm environment - fruit farming is usually seasonal; therefore, summer months will be busiest.
- Often, over the winter months, repairs are made to equipment and tools.

A.K.A

- Apple grower
- Fruit farmer
- Grape grower
- Seed grower
- Vineyard manager

Show me the money

\$21.50/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Agriculture – Swine Herdsperson

Perform herd health and comfort maintenance, manage nursery stock.

Perform breeding/gestation/birthing procedures of swine, as well as manure management.

You will need to:

- Complete a total of **5520 HOUR** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You would be working in a farm environment. You will be responsible for operating and maintaining farm systems, vehicles, equipment, and farm mechanical equipment.

A.K.A

- Farm foreman/woman
- Farm supervisor
- Feedlot foreman/woman
- Hog operation supervisor

Show me the money

\$17/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Alignment & Brakes Technician



Identify and repair braking and steering systems.

Change brake pads, turn rotors, lubricate joints, repair faulty steering mechanisms and align wheels and top up brake and steering fluids.

You will need to:

- Complete a total of **5400/6000 HOUR** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You may be working for auto dealerships, garages, service stations who have garages or be self-employed.

A.K.A

- Automobile mechanic
- Automotive service technician
- Bus mechanic
- Mechanical upgrader/ repairer - motor vehicle

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Appliance Service Technician

Service and repair domestic and commercial appliances. (i.e.: washers, dryers, refrigerators, and garden equipment.

Refer to schematic drawings or manuals, prepare estimates and written account of work preformed.

You will need to:

- Complete a total of **5280 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be employed by repair shops, appliance service companies or be self-employed.

A.K.A

- Appliance repairer apprentice
- Service technician – gas/electrical appliances
- Commercial foodservice appliance technician
- Commercial laundry appliance technician

Show me the money

\$20/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Arborist/Utility Arborist

Draw sketches and build models of landscape designs for gardens, parks and golf courses.

Cut, prune and maintain all varieties of trees, shrubs and other outdoor plants.

You will need to:

- Complete a total of **5340-5400 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for landscape companies or specialty areas (e.g.: municipalities or hydro companies) to maintain publically-owned plants or be self-employed.

A.K.A

- Landscape architectural technician
- Landscape gardener
- Landscape technician
- Lawn care specialist
- Tree service technician

Show me the money

\$22.22/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Architectural Glass and Metal Technician

Cut, fit, and install glass in metal and wooden frames.

Interpret design drawings, manufacturer's instruction and installation diagrams.

You will need to:

- Complete a combined **8000 HOURS** of on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

→ **Glazier:**



Career Opportunities

- You could be working for construction glass installation contractors, retail service and repair shops and glass fabrication shops, or be self-employed.

A.K.A

- Glazier and metal mechanic
- Glazier apprentice
- Plate glass installer
- Stained glass glazier
- Structural glass glazier specialist

Show me the money

\$20/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Auto-Body:



Collision Damage Repairer/Repairer

Repair, reshape and refit body panels, fenders, hoods, bumpers and other exterior parts of motor vehicles.

Weld, repair and replace wiring harnesses, straighten and align frames and uni-body assemblies.

You will need to:

- **Collision Damage:** Complete a total of **7280 HOURS** of on-the-job plus in-class training.
- **Repairer:** Complete a total of **5520 HOURS** of on-the-job plus in-class training.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You may be working for vehicle dealerships, auto-body repair shops and automobile appraisal centres.

A.K.A

- Automotive body mechanic
- Automotive glass technician
- Automotive painter - motor vehicle repair
- Metal finisher/repairer – motor vehicle
- Motor vehicle body technician

Show me the money

\$21/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Automotive Electronic Accessory Technician

Inspect, diagnose, repair, and service the mechanical, electrical and electronic systems and components of cars, buses, and trucks.

You will need to:

- Complete a total of **3000 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You may be working for auto dealerships, garages, service stations who have garages or be self-employed.

A.K.A

- Automobile mechanic
- Transmission mechanic
- Tune-up specialist, motor vehicle

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Automotive Glass Technician

Repair, remove, and install glass and windshields on automobiles, trucks, buses, and other vehicles.

Knowledge of glass and sealant characteristics, track water or air leaks.

You will need to:

- Complete a total of **3760 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be employed by auto repair shops or be self-employed.

A.K.A

- Automobile mechanic
- Automotive service technician
- Automotive glass technician
- Mechanical upgrader/ repairer - motor vehicle
- Truck and transport mechanic

Show me the money

\$21/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Automotive Painter



Refinish painted surfaces on a variety of vehicle bodies, coat aluminum mouldings, mix paint and match colours.

Operate machines, use brushes and spray equipment to apply paint, enamel, lacquer or other non-metallic protective and decorative coatings to vehicles.

You will need to:

- Complete a total of **4560 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be employed by vehicle dealerships, auto-body repair shops and automobile appraisal centres.

A.K.A

- Automotive painter—motor vehicle repair
- Automotive painter apprentice
- Painter—motor vehicle report
- Metal finisher—motor vehicle

Show me the money

\$21/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Baker/Patissier

Baker: Prepare bread, rolls, muffins, pies, and cakes for sale in bakeries, restaurants, etc.

Patissier: bake and decorate cakes, pastries, and confectionery. Work with icings, fillings, and creams.



You will need to:

- **Baker:** Complete a total of **5280 HOURS** of on-the-job plus in-class training.
- Patissier:** Complete a total of **6130 HOURS** of in-class and on-the-job training.
- Certificate of Qualification exam available (Patissier).
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for bakeries, supermarkets, catering companies, hotels, restaurants, hospitals or be self-employed.

A.K.A

- Baker apprentice
- Bakery supervisor
- Bread baker
- Head baker

Show me the money

\$14/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Bearings Mechanic

Disassemble, inspect, repair, replace, and clean the bearings and seals of all motor vehicles, including motor homes and bicycles.

You will need to:

- Complete a total of **5760 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in a manufacturing setting, especially in primary steel production that involves setting up and operating lathes, drills, grinders, saws, and hydraulic presses.

A.K.A

- Automobile mechanic
- Automotive service technician
- Truck and transport mechanic
- Truck-trailer repairer

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Blacksmith

Design and build artistic ironwork. Specialize as a Ferrier: make/repair horseshoes.

You will need to:

- Complete a total of **5280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working on a farm, at a horse ranch (Farrier), in a livery at a race track or be self-employed.

A.K.A

- Smith
- Die setter
- Hammersmith

Show me the money

\$27/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Boilermaker



Build and maintain large boilers and pressure tanks in power stations, refineries, and chemical plants.

When licensed, there will be a number of specializations you can pursue.

You will need to:

- Complete a total of **6600 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for a construction company thus it may require some travel to different work sites (both indoors and outdoors).

A.K.A

- Boiler fitter
- Boiler installer
- Construction/industrial boilermaker
- Marine boilermaker
- Pressure vessel fabricator

Show me the money

\$41/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Cabinet Maker



Construct and repair wooden cabinets, furniture, fixtures, and other related products using various machinery and tools.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job and in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You may be employed by furniture manufacturing or repair companies, construction companies and cabinetmaking contractors, or be self-employed.

A.K.A

- Custom wood furniture maker
- Furniture cabinetmaker
- Patternmaker

Show me the money

\$19/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Carpenter (General)



Construct, renovate and repair structures made of wood, steel, concrete and other materials in the residential, commercial and industrial construction sectors and in related industries.

You will need to:

- Complete a total of **3844 to 7200 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies, carpentry contractors, and maintenance departments of factories, or self-employed.
- You will find you may be working a variety of different work sites, both indoors and out.

A.K.A

- Finish carpenter
- Journeyperson carpenter
- Maintenance carpenter
- Renovation carpenter
- Rough carpenter

Show me the money

\$23/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Cement Finisher



Repair, restore or install concrete floors and pavements using specialized equipment to create various forms of surfaces including imprinted, pigmented, stained, and dyed.

Some tools used include trowels, floats, and other hand tools, or use machinery such as generators and air compressors.

You will need to:

- Complete a total of **4500 HOURS** of combined on-the-job and in-school training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).

Career Opportunities

- You could be working at various worksites for construction companies, cement and concrete contractors and manufacturers of precast concrete products, or be self-employed.

A.K.A

- Cement finisher apprentice
- Cement mason
- Concrete mason
- Precast concrete finisher

Show me the money

\$34/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Chef



Responsible for the preparation and presentation of food. More highly trained than regular cooks, duties cooking, budgeting, purchasing supplies, hiring staff, and generally making sure that things run smoothly in the kitchen.

You will need to:

- Complete a total of **2260 HOURS** of on-the-job and in-school training, complete the Interprovincial Certificate of Qualification (Red Seal) in the **Cook** trade and 1 year of work experience.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in restaurants, hotels, clubs, spas, bistros and other eateries, preparing a variety of food, menus, and manage everything in the kitchen.
- Knowledge of WHMIS, Food Storage procedures (FIFO), Sanitation and Food Safety, Resources Management, and Use of Wines, Liquors, and Spirits in cooking is required.

A.K.A

- Chef de cuisine
- Chef de partie
- Saucier
- Executive sous-chef

Show me the money

\$16/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Child & Youth Worker

Help children, youth, and families during difficult times by finding ways to improve their physical, emotional, intellectual, and social development.

Build relationships, promote health and well-being, provide counselling and support, and apply intervention strategies.

You will need to:

- Complete a total of **6240 HOURS** of on-the-job and in-school training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in schools, hospitals, residential, institutional, or community based settings.

A.K.A

- Crisis intervention worker
- Group home worker
- Family service worker
- Social service worker
- Developmental service worker

Show me the money

\$21.69/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Child Development Practitioner

Plans and lead age-appropriate programs for children that help improve their physical, social, emotional, and cognitive growth.

You will need to:

- Complete a total of **5280 Hours** of on-the-job and in-school training to earn this apprenticeship.
- Have completed Grade 12 or equivalency.

Career Opportunities

- You would provide services in a number of settings, such as: childcare centres, hospitals and schools, and agencies where early childhood education services are provided.

A.K.A

- Early childhood educator (E.C.E.)
- Early childhood program staff assistant
- Child care worker – daycare
- Preschool supervisor

Show me the money

\$16/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Composite Structure Technician

Build, repair, and replace airplane parts.

Repair sheet metal, remove damaged metal and bond metal together. Interpret technical aerospace data.

You will need to:

- Complete a total of **5700 Hours** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent (knowledge in Mathematics, Science and English is recommended).

Career Opportunities

- You could be employed by aircraft manufacturing, maintenance, repair and overhaul establishments, and by airlines and other aircraft operators.

A.K.A

- Aircraft structural repair technician
- Aviation mechanical component shop technician
- Certified aircraft technician
- Hydraulic mechanic, aircraft

Show me the money

\$28.85/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Computer Numerical Control (CNC) Programmer

Program the CNC machinery that is used to make identical parts that will be used in other production processes (i.e.: manufacture dies and moulds that are used to mass-produce metal and plastic parts). Read blueprints.

You will need to:

- Complete a total of **24 MONTHS** of on-the-job training plus in-class training.
- Have a Certificate of Qualification in another related trade, such as machinist or tool and die maker.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in machinery shops for motor vehicle parts manufacturers, machinery and equipment manufacturers, and primary steel producers.

A.K.A

- Industrial engineering technician
- Industrial engineering technologist
- Manufacturing technician
- Manufacturing technologist

Show me the money

\$25.34/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Concrete Pump Operator

Drive concrete pumps to construction sites and help set the pumps up.

Work with others to safely pump the concrete into the correct spot.

You will need to:

- Complete a total of **3000 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You may be working for a construction company or trades/union contractor. Work is performed outdoors at various construction site locations and in all types of weather.

A.K.A

- Concrete mixer helper
- Construction helper
- Construction labourer
- Labourer, concrete paving

Show me the money

\$22/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Construction Craft Worker



Prepare, excavate, backfill, compact, and clean up work sites.

Handle construction materials and equipment, receive parts. Some site - security and demolition duties.

You will need to:

- Complete a total of **2400 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You may be employed by construction companies, trades/union contractors and work on a variety of things such as residential, commercial, and industrial buildings, hydroelectric dams, roadways, bridges, and railways.

A.K.A

- Construction labourer
- Flagman/woman
- Asphalt spreader
- Demolition worker
- Roofer helper

Show me the money

\$22/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Cook/Assistant Cook/ Institutional Cook



Cook: Learn skills that will allow you to prepare any type of food.

Assistant Cook: Prepare complete breakfasts, short-order grills, sandwiches, salads and desserts.

Institutional Cook: Prepare large quantities of high-quality food by following a budget.

You will need to:

- Complete a total of
Cook: 5280 HOURS
Assistant: 2640 HOURS
Institutional: 3600 HOURS
of on-the-job plus in-school training for this apprenticeship.
- **Cook/Institutional:** Have completed Grade 12 or equivalent
Assistant Cook: Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended)
- Certificate of Qualification exam available (**Cook/Institutional**).

Career Opportunities

- You could be working at hotels, hospitals, restaurants institutions, schools or be self-employed.

A.K.A

- Dietary cook
- First cook
- Grill cook
- Journeyperson cook
- Licensed cook
- Short order cook

Show me the money

\$14/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Developmental Service Worker

Help people who have a developmental disability by improving their ability to participate and live in their community.

Knowledge in crisis prevention and intervention strategies, teaching strategies, health and wellness, and abuse prevention.

You will need to:

- Complete a total of **3720 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in areas that support these individuals - social service/government agencies, mental health agencies, group homes, shelters, etc., helping them to improve life skills such as housekeeping, socializing, job training and personal hygiene.

A.K.A

- Aboriginal outreach worker
- Social services worker
- Veteran services officer
- Child and youth worker
- Addictions worker
- Life skills instructor

Show me the money

\$21.69/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Die Designer

Make detailed drawings, templates, patterns, and components for tooling, dies, and other equipment.

Must be knowledgeable about mechanics, metallurgy, mathematics, precision measurement, and blueprints.

You will need to:

- Complete approximately **24 MONTHS** of on-the-job plus in-class technical training for this apprenticeship.
- Have certification as a tool and die maker (prerequisite for starting a Die Designer apprenticeship in Ontario).
- Grade 12 or equivalent is recommended.

Career Opportunities

- You will primarily be working in manufacturing industries such as automobile, aircraft, metal fabrication, electrical machinery and plastics.

A.K.A

- Die finisher/maker
- Jig maker
- Mould maker-metal/ plastics processing
- Metal patternmaker
- Tool and die maker

Show me the money

\$27/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Draftsperson

Mechanical/Plastic Mould/Tool & Die

Mechanical: make plans for machines, machine parts, engines, tools and other mechanical equipment.

Plastic Mould: create templates and patterns, plastic moulds, and tooling for mould-making and modification.

Tool & Die: draw plans for templates, patterns, and components for tooling, dies, and other equipment.

You will need to:

- Complete **7400 HOURS** of on-the-job training plus in-school technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for consulting, construction, utility, manufacturing companies or for government agencies.

A.K.A

- Design & drafting technologist
- Drafting technician/ technologist
- Electromechanical draftsperson
- Engineering design & drafting technologist

Show me the money

\$25/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Drywall Acoustics & Lather Applicator, Finisher and Plasterer



Acoustics & Lather

Applicator: shape the inside of a building using various materials (exterior metal framing and sheeting, moulding, furring, and lathing products).

Finisher & Plasterer: install exterior metal framing and sheeting, mouldings, furring, lathing products, and thermal, fire, sound, and vapour barrier insulation and sealants.

You will need to:

- Complete a total of **5400 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies, plastering, drywalling and lathing contractors, or be self-employed.

A.K.A

- Lather
- Drywall taper
- Acoustical ceiling installer
- Sheetrock applicator
- Wood lather

Show me the money

\$30/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Educational Assistant

Help primary teachers by supporting the educational goals of students.

Create a good learning environment, help teach life skills, and apply intervention techniques.

You will need to:

- Complete a total of **2268 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working with all students, including those with exceptional needs (i.e. they may have disabilities, disorders, impairments, or be gifted).

A.K.A

- Teachers' aide
- Child-care worker assistant
- Early childhood educator (E.C.E.)
- Preschool helper
- Child care worker – daycare
- Daycare helper

Show me the money

\$22.12/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Electric Motor System Technician



Work on electric motors, generators, transformers, controllers and other electronic equipment.

Determine the need, extent, and type of repairs. Prepare time and cost estimates.

You will need to:

- Complete a total of **7520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be employed at electrical repair shops, service shops of electrical equipment manufacturers or maintenance departments of manufacturing companies.

A.K.A

- Industrial motor winder-repairer
- Power transformer repairer
- Electrical rewind mechanic
- Electrical transformer repairer

Show me the money

\$26/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Electrical Control Machine Builder

Build and install the electrical parts of machine tools.

Work with electrical schematics before preparing and organizing the wiring.

You will need to:

- Complete a total of **5400 Hours** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for manufacturers of industrial electric motors, transformers, control equipment, railway locomotives, transit vehicles and other heavy electrical equipment.

A.K.A

- Control panel assembler
- Assembler & wirer, motors & generators
- Switchgear fitter-wirer
- Electrical fitter
- Coil winder, transformer

Show me the money

\$18.63/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Electrician

Construction & Maintenance, Domestic & Rural



Install, repair, test and service electrical systems, ensuring all electrical connections are safe and meet the electrical code.

You will need to:

- Complete a total of:
Domestic & Rural: 7200 HOURS
Construction & Maintenance:
9000 HOURS of on-the-job training.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for electrical contractors, in maintenance departments of companies or be self-employed.

A.K.A

- Apprentice electrician
- Construction electrician
- Domestic & rural electrician

Show me the money

\$30/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Electrician - Industrial



Install, maintain, test, troubleshoot and repair industrial electrical equipment and associated electrical and electronic controls.

You will need to:

- You will need to complete **8160 Hours** of on-the-job training plus in-class technical training.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for electrical contractors, in maintenance departments of factories, plants, mines and shipyards.

A.K.A

- Apprentice electrician
- Mine electrician
- Mill electrician
- Plant maintenance electrician

Show me the money

\$32/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Electronics Service Technician

Install, maintain, modify, inspect, test and repair electronic products such as microwaves, computers, audio and video equipment. Continue to learn of new technologies.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training and plus in-class technical training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for television/stereo repair shops, major department stores, electronic retail companies, repair facilities, or for the Canadian Armed Forces.

A.K.A

- Alarm system technician
- Audio-video service technician
- Computer service technician
- Field service technician, electronic products
- Office equipment service technician

Show me the money

\$25.27/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Elevating Devices Mechanic

Assemble, install, maintain and repair elevators (freight and passenger), escalators, moving walkways, stair chair lifts and other related equipment.

You will need to:

- Complete a total of **7280 Hours** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You will be working for elevator construction and maintenance companies.

A.K.A

- Escalator repairer
- Elevator constructor
- Elevator mechanic

Show me the money

\$40/HR

**Median Wage
Ontario**





Entertainment Industry Power Technician

Organize, install, and supervise temporary entertainment systems. Ensure systems have the proper sound and lighting.

You will need to:

- Complete a total of **4520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- These technicians work for film, television, live performance, trade shows, special event productions, and carnivals.

A.K.A

- Lighting technician
- Settings shop foreperson
- Stage technician
- Theatre technician

Show me the money

\$28/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Exterior Insulated Finishing Systems Mechanic

Layer materials that keep buildings warm, sound proof, and water-resistant.

Read instructions, manuals, apply adhesives, prepare and install insulation boards.

You will need to:

- Complete a total of **5400 Hours** of on-the-job training plus in-class training for this apprenticeship
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for construction companies and insulation contractors, or be self-employed.

A.K.A

- Boiler & pipe insulator
- Building insulator
- Fire-stopping insulator
- Heat & frost insulator
- Stucco worker

Show me the money

\$31/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Facilities Mechanic

Inspect and maintain fire safety equipment, building envelope, electrical, heating, ventilation, air conditioning, plumbing, and water treatment systems. May also include ground maintenance.

You will need to:

- Complete a total of **5520 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for manufacturing companies, in factories or hospitals.

A.K.A

- Building maintenance technician
- Facilities maintenance person
- Building mechanic

Show me the money

\$36.25/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Facilities Technician

Monitor and troubleshoot building systems operations - air conditioning, ventilation, chiller and refrigeration, water treatment, heating, pumping, low-pressure, boiler, and control systems. May also operate electrical, plumbing, and emergency systems.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for manufacturing companies, in factories, hotels, long term care facilities, or hospitals.

A.K.A

- Building technician
- Building maintenance person
- Facility maintenance person

Show me the money

\$36.25/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Fitter-Assembler (Motor Assembly)

Assembles prefabricated metal parts to build heavy industrial machinery and transportation equipment.

Physical strength is needed and some electrical skill, and familiarity with diagnostic tools may be required.

You will need to:

- Complete a total of **7520 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could work in a plant/factory, repair shop, or outdoors. Some traveling may be required.

A.K.A

- Automotive engine assembler
- Garden machinery assembler
- Gearbox assembler
- Mechanical assembler
- Transmission assembler

Show me the money

\$23/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Floor Covering Installer



Inspect, measure, install, repair, and service carpets, rugs, and all types of floors.

Good physical strength and familiarity of installation tools required.

You will need to:

- Complete a total of **6000 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies, floor-covering contractors and carpet outlets, or be self-employed.

A.K.A

- Carpet layer
- Floor covering installer apprentice
- Floor covering mechanic
- Resilient floor installer
- Rug installer
- Vinyl floor installer

Show me the money

\$19/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Fuel & Electrical Systems Technician

Repair and adjust fuel systems on motor vehicles

Install and maintain electrical equipment and air-conditioning

You will need to:

- Complete a total of **6500 HOURS** of on-the-job training for this apprenticeship.
- Have complete Grade 12 or equivalent.

Career Opportunities

- You could be working for motor vehicle dealers, garages, truck and trailer dealerships, fleet maintenance companies, and service stations, automotive specialty shops or transportation companies.

A.K.A

- Automobile mechanic
- Automotive service technician
- Tune-up specialist, motor vehicle
- Transmission mechanic
- Truck and transport mechanic

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Gemsetter/Goldsmith

Design, cut and repair precious and semi-precious jewelry and gemstone work. This can include, testing, rolling, drawing, and forming metals.

You will need to:

- Complete a total of **7520 HOURS** of on-the-job plus in-class training to complete this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for jewelry, clock and watch manufacturers, retail stores, by jewelry and watch repair shops or be self-employed.

A.K.A

- Diamond cutter
- Pearl cutter
- Precious stone setter
- Gem cutter

Show me the money

\$16.87/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC

C

Hairstylist



Shampoo, condition, cut, and style hair. Apply chemical treatments on hair such as colouring and perming.

Creativity and social skills an asset.

You will need to:

- Complete a total of **3020 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have complete Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for hairstyling or hairdressing salons, barber shops, vocational schools, health care establishments and theatre, film and television companies.

A.K.A

- Barber
- Hair colour technician
- Hairstylist
- Wig stylist

Show me the money

\$14/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Hardware, Lumber, and Building Materials Retailer

Help customers choose the best materials for their building projects.

Strong communication, measurement, and math skills.

You will need to:

- Complete a total of **4212 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for stores and other retail businesses, as well as wholesale businesses that sell on a retail basis to the public.

A.K.A

- Furniture salesperson
- Hardware store clerk
- Retail sales associate
- Retail salesperson

Show me the money

\$14/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Hazardous Materials Handlers

Identify and safely remove dangerous materials - includes such materials as asbestos, radioactive and nuclear waste, arsenic, lead, or mercury.

Ability to stay calm and work quickly while in emergency situations where hazardous substances may endanger other people.

You will need to:

- Complete a total of **2898 HOURS** of on-the-job training plus in-class technical training.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for government environmental agencies, private environmental companies, waste management or construction companies.

A.K.A

- Environmental health officer
- Hazardous waste inspector
- Explosives handler

Show me the money

\$17/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Heat and Frost Insulator



Prevent or reduce the transmission of heat, cold, sound, and fire in buildings.

Apply insulating materials to plumbing, heating, cooling, and refrigeration systems, and the interior surfaces of buildings.

You will need to:

- Complete a total of **6400 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies and insulation contractors, or be self-employed.

A.K.A

- Boiler and pipe insulator
- Building insulator
- Firestopping insulator
- Sound insulator

Show me the money

\$31/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Heavy Duty/Agricultural Equipment Technician



Work with a variety of heavy duty equipment and vehicles, including: cranes, tractors, paving equipment, off-road haulers, and earthmovers.

Follow instructions and blueprints, test repaired equipment, clean and lubricate vehicle parts, and perform regular maintenance.

You will need to:

- Complete a total of **6280 Hours** of on-the-job training plus in-class technical training for this apprenticeship.
- Have complete Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for heavy equipment dealers, rental and service companies, railway transport companies or urban transit systems.

A.K.A

- Construction equipment mechanic
- Diesel mechanic – heavy
- Agricultural equipment technician
- Heavy-duty equipment mechanic

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Heavy Equipment Operator

(Dozer, Excavator, Tractor Loader Backhoe)



Install attachments, perform inspections, transport equipment, load and unload equipment and general preventive maintenance.

Operators must be able to read and interpret related government legislation, site plans, and manufacturers' manuals.

You will need to:

- Complete a total of **2260 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have complete Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be employed in a wide range of companies: Quarries, Mines, Railway yards, Public works department.

A.K.A

- Excavator operator
- Grader operator
- Loader operator – construction
- Side boom tractor operator
- Surface mining equipment operator

Show me the money

\$26/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC





Hoisting Engineer

(Mobile Crane Operator 1 & 2, Tower Crane Operator)

Mobile Crane Operator 1 and 2: operate machines that lift and move heavy or awkward objects.

Tower Crane Operator: use tower cranes to move machinery, materials, and other large objects.

You will need to:

- **Mobile Crane Operator 1:** Complete **6000 Hours** plus in-class training. 
- **Mobile Crane Operator 2:** Complete **1000 Hours** plus in-class training.
- **Tower Crane Operator:** Complete **3000 Hours** plus in-class training. 
- Have completed Grade 10 or equivalent (Grade 12 or equivalent recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for construction, industrial, mining, cargo handling and railway companies.

A.K.A

- Boom truck crane operator
- Bridge crane operator
- Climbing crane operator
- Dragline crane operator
- Gantry crane operator

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

V

Horse Groom

Care for horses by handling, controlling, grooming, tacking, feeding, and maintaining their health.

Clean and maintain stalls, tools, equipment, and stable facilities.

You will need to:

- Complete a total of **3598 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for a horse ranch, farm, race track or be self-employed.
- There is some danger associated with this job as you will be working with large animals.

A.K.A

- Horse trainer
- Feedlot foreperson
- Ranch foreperson

Show me the money

\$14/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Horse Harness Maker

Stich, cut, repair and assemble leather material by hand and equipment.

You will need to:

- Complete a total of **7400 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for shoe and other leather products manufacturers.

A.K.A

- Leather cutter
- Leather harness maker
- Leather marker
- Leather pressman/woman

Show me the money

\$15.66/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Horticultural/Landscape Technician



Organize and plan activities in greenhouses and nurseries; survey/assess landscapes; draw sketches and build landscape design models; construct/maintain gardens, parks, etc.

Knowledge of irrigation methods and soil and pest management. Dangerous equipment use, like chainsaws or clippers, may be required.

You will need to:

- Complete a total of **5400 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for landscape designers and contractors, lawn service and tree care companies, golf courses, nurseries and greenhouses, and municipal, provincial and national parks, or be self-employed.

A.K.A

- Horticulture specialist
- Golf course superintendent
- Tree service technician
- Greenskeeper
- Arborist
- Hydroponics technician

Show me the money

\$22/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Hydraulic/Pneumatic Mechanic

Repair, maintain, and adjust hydraulic units such as hoists, rams, jacks, lifting units, and pumps.

Maintain air compressors and pneumatic tools such as blow guns, air staplers, spray guns, sandblasters, and air drills.

You will need to:

- Complete a total of **7400 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for heavy equipment companies, heavy equipment dealers, rental and service establishments, railway transport companies or urban transit systems.

A.K.A

- Construction equipment mechanic
- Diesel mechanic, heavy equipment
- Farm equipment mechanic
- Heavy-duty equipment mechanic
- Locomotive mechanic

Show me the money

\$28.85/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Information Technology Hardware Technician

Help computer users set up programs and use their computer applications and software.

You will need to:

- Complete a total of **6420 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for computer hardware manufacturers and retailers, software developers, call centres, information technology units in both the public and private sectors or be self-employed.

A.K.A

- Hardware installation technician
- Hardware technical support analyst
- User support technician
- Software installation

Show me the money

\$28/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Information Technology Network Technician

Help people use computer applications and operating systems software - install, configure, and maintain client workstations and network servers connected by a local area network.

You will need to:

- Complete a total of **6340 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for information technology companies/departments in both the private and public sectors or be self-employed.

A.K.A

- Network support technician
- Web technician
- LAN (local area network) administrator/technician
- System administrator
- Server administrator

Show me the money

\$34/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Information Technology -

Contact Centre: Technical Support Agent, Inside Sales Agent, Customer Care Agent

Support clients in their use of a wide variety of hardware and software applications at an advanced level.

You will need to:

- Complete a total of **3730-3820 Hours** of on-the-job training plus in-class technical training is required for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for call centres, computer hardware manufacturers and retailers, software developers or be self-employed. Excellent customer service skills is required.

A.K.A

- Call centre agent - technical support
- Client support representative – systems
- Computer help desk representative – systems
- Computer help desk supervisor

Show me the money

\$28/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Instrumentation & Control Technician



Install, maintain, program, test, and repair of industrial measuring and controlling instruments. This means that you will calibrate systems in order to ensure that all machines in a plant are safe and running correctly.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for companies such as pulp and paper processing, nuclear and hydro power generating, mining, petrochemical and natural gas, industrial instrument or other manufacturing companies.

A.K.A

- Industrial instrument mechanic
- Industrial instrument technician
- Process control equipment mechanic

Show me the money

\$38/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Iron Worker



Generalist/Structural & Ornamental

Generalist: reinforce buildings, highways, bridges, and other large structures with steel supports.

Structural & Ornamental: make, install, inspect and maintain metalwork such as iron gates and doors, stairways, and railings in buildings.

You will need to:

- **Generalist:** Complete a total of **8000 HOURS** **Structural & Ornamental:** of **6000 HOURS** of on-the-job training plus in-class training for both is required.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for a variety of companies involved with manufacturing, construction, demolition, salvaging, and maintenance.

A.K.A

- Ornamental ironworker
- Reinforcing ironworker
- Structural steel erector/fitter
- Metal/steel fabricator
- Plate Metal fitter

Show me the money

\$37/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Locksmith

Repair, service, and install all types of keys, locks, and mechanical or electrical access systems.

You will need to:

- Complete a total of **6000 Hours** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for commercial locksmith companies or be self-employed.

A.K.A

- Safe & vault technician

Show me the money

\$27/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Machine Tool Builder and Integrator

Build and integrate parts, components, and systems for machine tools and automated machine-tool systems.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working in assembly, processing, and fabricating plants.

A.K.A

- Aircraft engine fitter
- Assembly fitter
- Heavy equipment fitter
- Machine fitter
- Mechanical fitter

Show me the money

\$27.89/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Machinist (General)



Set up and operate a variety of machine tools such as lathes, milling machines, precision measuring tools, and power tools.

Interpret blueprints, and understand the properties of metal to make very precise parts. Specialization is possible (i.e.: Automotive Machinist).

You will need to:

- Complete a total of **7280 Hours** of on-the-job training plus in-school training for this apprenticeship.
- Have complete Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for machinery, equipment, motor vehicle, automotive parts, aircraft and other metal products manufacturing companies or for machine shops.

A.K.A

- Automotive machinist
- Aviation machinist
- Machine shop inspector
- Machined parts inspector

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Marine Engine Technician

Repair, replace, and maintain equipment on small boats, other marine equipment, and motors for recreational vehicle pumps and generators. Ensure repairs follow manufacturer's safety codes.

You will need to:

- Complete a total of **4280 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for dealer service shops or independent service establishments such as a marina.

A.K.A

- Motor boat mechanic
- Outboard motor mechanic
- Small engine technician
- Small equipment mechanic
- Small equipment repairer

Show me the money

\$18/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Mason

Brick & Stone/Refractory



Shape stones to form beautiful patterns. Construct, erect, install, and repair walls, arches, paving, floors, fireplaces, chimneys, and smokestacks.

Refractory: Install special refractory bricks, castables, blankets, plastics, or ceramic coatings to furnaces & kilns
(specialty trade for certified brick & stone masons).

You will need to:

- **Brick & Stone:** Complete a **5600 HOUR** of on-the job plus in-class training.
- **Refractory:** Complete a **3760 HOUR** of on-the job plus in-class training.
- Have completed Grade 8 or equivalent (Grade 12 is recommended).
- Certificate of Qualification exam available (Brick & Stone).

Career Opportunities

- You could be working for construction companies or be self-employed. Traveling to various worksites will be required.

A.K.A

- Bricklayer
- Mason
- Refractory bricklayer
- Stonecutter
- Stonemason

Show me the money

\$34/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Metal Fabricator (Fitter)



Cut, shape, and assemble steel that is used in buildings, bridges, tanks, boilers, and pressure vessels.

Make patterns and templates to ensure their work is precise. Ability to read blueprints required.

You will need to:

- Complete a total of **4680 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for manufacturing plants, platework fabrication plants, or shipbuilding companies.

A.K.A

- Plate Metal fitter
- Fitter
- Steel fabricator
- Structural steel fitter

Show me the money

\$22.50/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Micro Electronics Manufacturer

Use larger machines to make tiny components.

Operate and monitor the machinery that produces micro-electronic products

You will need to:

- Complete a total of **3696 HOURS** of on-the-job training plus in-school technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You would be working for electronics manufacturing plants.

A.K.A

- Precision instrument assembler
- Capacitor assembler
- Circuit board assembler
- Component inserting machine operator
- Electronics assembler

Show me the money

\$15/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Millwright:



Construction/Industrial Mechanic

Dismantle, move, install, adjust, and maintain power shafting, pulleys, conveyors, and hoists. Ensure equipment meets safety and quality standards. Ability to read blueprints is required.

You will need to:

- Complete: **Industrial Mechanic: 7280 Hours**
Construction: 8000 Hours of on-the-job plus in-school training for these apprenticeships.
- Have completed Grade 12 or equivalent - Industrial Mechanic / Grade 10 or equivalent - Construction (Note Grade 12 is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- As a Construction millwright you would be working for millwrighting contractors.
- As an Industrial mechanics millwright you could be working in manufacturing plants, utilities and other industrial companies.

A.K.A

- Treatment plant maintenance mechanic
- Plant equipment mechanic
- Textile machine mechanic
- Maintenance millwright

Show me the money

\$28/HR



Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Motive Power Machinist

Operate precision metal cutting and grinding machines.

Use lathes, milling machines, drills, shapers, boring mills, and grinders to install, adjust, repair, or replace vehicle parts.

You will need to:

- Complete a total of **5340 HOURS** of on-the-job training plus in-school training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for a variety of manufacturing companies: machinery, equipment, motor vehicle, automotive parts, aircraft or for machine shops.

A.K.A

- Automotive machinist
- Aviation machinist
- Machine shop inspector
- Machined parts inspector
- Tooling inspector

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

C

Motorcycle Technician



Inspect, diagnose, and repair motorcycles, scooter's, ATVs and snowmobiles.

May also involves working with electronic components and diagnostic equipment.

You will need to:

- Complete a total of **5520 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for service shops of motorcycle dealers and retailers or be self-employed.

A.K.A

- All-terrain vehicle repairer
- Motorcycle mechanic
- Industrial truck repairer
- Motor scooter repairer
- Snowmobile repairer

Show me the money

\$24/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Mould: Maker, Designer, Die Finisher

Maker: fabricate moulds by hand or machine. Finish the mould surfaces, fit together mould blocks.

Designer: plan, design, draw and determine which moulds are used to shape plastic and other materials.

Die Finisher: use power and hand tools to shape, smooth, finish, and polish moulds. Inspect finished products.

You will need to:

- **Maker:** Complete a total of **7280 HOURS** of on-the-job training plus in-class training.
- Designer:** Complete a total of **24 MONTHS** of on-the-job training plus in-class training. Completion of Mould Maker designation.
- Die Finisher:** Complete a total of **3760 HOURS** of on-the-job training plus in-class training.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available (**Maker** only).

Career Opportunities

- You could be working for manufacturing industries such as automobile, aircraft, metal fabrication, electrical machinery and plastics or machine shops.

A.K.A

- Jig maker
- Metal mould maker
- Metal patternmaker
- Tool and Die Maker
- Tool maker

Show me the money

\$27/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Native Clothing & Crafts Artisan

Keep Native traditions alive through artwork. Some skills may include: mukluk and moccasin making, quill work, carving, moose and caribou hair tufting and sculpting, birch bark baskets and North American bead work.

You will need to:

- Complete a total of **3520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- The majority of artisans in this field are self-employed.

A.K.A

- Tailor
- Native/Aboriginal art carver
- Custom furrier
- Fabric artisan
- Native/Aboriginal craftwork instructor

Show me the money

\$16/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Native Residential Construction Worker

This program has been designed to train First Nations workers in all aspects of construction, including carpentry, electrical, and plumbing.

You will need to:

- Complete a total of **4000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for construction companies, trade and labour contractors, and surface mine and quarry operators.

A.K.A

- Construction labourer
- Flagperson
- Asphalt spreader
- Demolition worker
- Construction helper

Show me the money

\$22/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Network Cabling Specialist

Install and maintain low-voltage, wired systems. These systems typically transmit voice, video, and data.

You will need to:

- Complete a total of **4000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for cable television companies and by telephone and other telecommunications services.

A.K.A

- Lineperson, telecommunications
- Splicer technician, telephone
- Telecommunications line installer
- Telephone line technician
- Cable repairer, telecommunications

Show me the money

\$27/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC





Optics Technician (Lens & Prism Maker)

Cut lenses to be used in cameras, eyeglasses, microscopes, binoculars, and telescopes.

You will need to:

- Complete a total of **8000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working in optical retail stores, laboratories, or lens manufacturing companies.

A.K.A

- Lens grinder, ophthalmic
- Ophthalmic lab technician – retail
- Optical lab assistant
- Optometrist assistant

Show me the money

\$18/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Packaging Machine Mechanic

Set up, trouble shoot, diagnose, repair and maintain automated packaging systems.

Read and follow product instructions for proper installation.

You will need to:

- Complete a total of **7840 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for manufacturing plants, utilities and other industrial companies.

A.K.A

- Industrial mechanic
- Maintenance millwright
- Millwright
- Plant equipment mechanic
- Treatment plant mechanic

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Painter & Decorator: Industrial/Commercial & Residential



Commercial & Residential:

Apply wall coverings, paint, and other finishes to the interior and exterior surfaces of buildings. Assemble scaffolds may be required.

Industrial:

work on industrial buildings like factories, bridges, and storage tanks. Prepare surfaces before painting. Put together scaffolds/ladders to reach high places.

You will need to:

- Complete a total of **6000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent. Note, OSSD or equivalent is recommended.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies, painting contractors and building maintenance contractors, or be self-employed.

A.K.A

- Construction painter
- Maintenance painter
- Painter & decorator
- Paperhanger

Show me the money

\$19/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Parts Technician



Ordering, warehousing, inventory control and sale of automotive, commercial transport, heavy duty, and/or marine goods to customers.

You will need to:

- Complete a total of **5460 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for retail hardware stores or dealerships, warehouses, construction repair shops, hospitals, mining, forestry and construction companies, or the armed forces.

A.K.A

- Automotive parts person
- Motor vehicle parts clerk
- Parts / Inventory clerk

Show me the money

\$21.54/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Pattern Maker

Create plans for building full-scale industrial products.

Divide patterns into sections, mark materials for machining, form parts, and assemble parts.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You will mainly be working in manufacturing industries such as automobile, aircraft, metal fabrication, electrical machinery and plastics, and in tool and die, mould making and machine shops.

A.K.A

- Metal mould maker
- Metal patternmaker
- Tool and die maker
- Tool maker
- Jig maker

Show me the money

\$27/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Plumber



Install, alter, and repair plumbing systems in both commercial and residential buildings.

Work with many different materials: iron, steel, lead, copper, plastic, glass, or cement. Measure, cut, shape, and join pipes per instructions.

You will need to:

- Complete a total of **9000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent. However, OSSD or equivalent is recommended.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for hospitals, manufacturing plants, factories, septic companies or be self-employed.

A.K.A

- Maintenance plumber
- Plumbing mechanic
- Radiator plumber
- Residential construction plumber

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Pool, Hot Tub & Spa Service Technician/Installer

Installer: install, repair, and maintain all types of pools, spas, and hot tubs. Awareness of building and zoning codes. May also build decks around pool/hot tubs.

Service Technician: repair, maintain and inspect the heating, circulating, filtering and electrical systems; ensure equipment is safe to use.

You will need to:

- Complete a total of **5520 HOURS** of on-the-job training and in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working for specialized companies - pool & hot tub or be self-employed.

A.K.A

- Swimming pool installer
- Hot tub installer

Show me the money

\$19/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Powered Lift Truck Technician

Diagnose, repair, modify, assemble and disassemble powered lift trucks, stackers, carriers, and other power equipment.

Systems worked on include: safety, driving, braking, steering, elevating, fuel, and traction.

You will need to:

- Complete a total of **6280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for service shops, large factory maintenance departments or be self-employed.

A.K.A

- Forklift mechanic
- Industrial truck repairer
- industrial truck mechanic

Show me the money

\$24/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Powerline Technician



Install, maintain, inspect, and repair overhead and underground electrical power lines. Follow strict safety guidelines.

You will need to:

- Complete a total of **8000 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent. OSSD or equivalent is recommended.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for electric power generation, transmission and distribution companies, electrical contractors or public utility commissions.

A.K.A

- Electrical power system-lineperson
- Cable installer - electrical power
- Cable splicer-electrical power construction
- Power line patroller

Show me the money

\$37.42/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Precast Concrete Erector/Finisher

Erectors: Guide hoisting engineers and crane operators in aligning concrete panels and slabs. Load/unload concrete pieces, aligning/bolt paneling.

Finishers: Use hand tools to level, repair, finish, clean, grout and caulk all precast concrete surfaces.

You will need to:

- **Erector:** Complete a total of **5400 HOURS** of combined on-the-job and in-class training.
- **Finisher:** Complete a total of **4500 HOURS** of combined on-the-job and in-class training.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).

Career Opportunities

- You could be working for construction companies, cement and concrete contractors and manufacturers of precast concrete products or be self-employed.

A.K.A

- Concrete mason
- Cement finisher
- Cement erector
- Maintenance cement mason

Show me the money

\$34/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Precision Metal Fabricator

Cut and shape metal using metal forming, shaping, and cutting machines.

Interpret blueprints, join metal parts, and ensure product quality.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for fabrication shops, manufacturing plants, or be self-employed.

A.K.A

- Sheet metal fabricator
- Sheet metal mechanic
- Sheet metal worker
- Tinsmith

Show me the money

\$22.50/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Process Operator - Food Manufacturing

Use, monitor, adjust, and maintain processing systems and equipment to process and package food and beverage products.

You will need to:

- Complete a total of **4480 HOURS** of on-the-job training plus in-class training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for fruit and vegetable processing plants, dairies, flour mills, bakeries, sugar refineries, meat plants, breweries or leaf tobacco products plants.

A.K.A

- Control room operator - food and beverage processing
- Pasteurizer operator - food and beverage processing
- Mixer operator, dry foods
- Fermenter operator

Show me the money

\$18/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Process Operator - Power

Use, monitor, adjust, and maintain processing systems and equipment. Maintain temperature/pressure levels, knowledge of hazardous material disposal, write work orders, keep log books.

You will need to:

- Complete a total of **6480 HOURS** of on-the-job training plus in-class training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for power generator plants, utilities and manufacturing plants.

A.K.A

- Auxiliary plant operator
- System controller - electrical power systems
- Electrical power systems operator
- Nuclear generating station field operator

Show me the money

\$36/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Process Operator: Refinery, Chemical & Liquid Processes

Use, monitor, adjust, and maintain processing systems and equipment. Gauge pressure and flow of chemicals, test samples, prepare safety & maintenance reports.

You will need to:

- Complete a total of **6480 HOURS** of on-the-job training plus in-class training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for petroleum/natural gas processing or pharmaceutical companies.

A.K.A

- Chemical process operator
- Gas plant operator
- Pharmaceutical processing operator
- Acid plant operator

Show me the money

\$27/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Process Operator - Wood Products

Use, monitor, adjust, and maintain processing systems and equipment to control the processing of wood, scrap pulp, recyclable paper, cellulose materials, paper pulp and paperboard.

You will need to:

- Complete a total of **6000 HOURS** of on-the-job training plus in-class training.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You would be working for a pulp & paper company.

A.K.A

- bleach plant operator – pulp and paper
- paper machine control operator
- pulping control operator
- panelboard operator – pulp and paper

Show me the money

\$28/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Pump Systems Installer

Repair, maintain, and adjust outdoor pipe and pump systems. Read blueprints and diagrams.

You will need to:

- Complete a total of **4000 HOURS** of on-the-job training plus in-class technical training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for manufacturing plants, utilities or be self-employed.

A.K.A

- Industrial mechanic
- Construction/ maintenance millwright
- Plant equipment mechanic
- Treatment plant mechanic

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Railway Car Technician

Repair and rebuild components of railway passenger and freight cars, including inside car maintenance.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed of Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for railway transport companies and urban transit systems.

A.K.A

- Rail vehicle mechanic
- Railway car inspector
- Railway carman/ woman
- Streetcar & subway car mechanic

Show me the money

\$32/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Recreation Vehicle Technician



Service and repair recreation vehicles such as trailer, campers and motor homes.

Install/repair siding, windows, doors, plumbing/electrical systems, awnings, propane gas systems, batteries, trailer braking systems and hitches.

You will need to:

- Complete a total of **6280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be employed by a wide range of companies - vehicle repair garages, motorhome retailers - or be self-employed.

A.K.A

- All-terrain vehicle repairer
- Motor scooter repairer
- Snowmobile repairer

Show me the money

\$27/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Refrigeration and Air Conditioning Systems Mechanic



Install, maintain, and repair central air conditioning systems.

Cut pipe, weld and braze equipment to connect pipes, and recharging cooling systems with refrigerant gases.

You will need to:

- Complete a total of **9000 HOURS** of combined on-the-job and in-class training.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for heating, refrigeration and air conditioning installation contractors, food wholesalers, engineering firms, retail and servicing companies or transport companies that need refrigeration mechanics.

A.K.A

- Central air conditioning mechanic
- Commercial air conditioning mechanic
- Heating and cooling mechanic
- Heating, ventilation and air conditioning (HVAC) mechanic

Show me the money

\$29/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Reinforcing Rodworker



Reinforce concrete with metal bars or wire material for construction. Read blueprints.

You will need to:

- Complete a total of **4000 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 Math is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You will be working for construction ironwork contractors.

A.K.A

- Ironworker
- Ironworker - metal building systems erector
- Ornamental ironworker
- Structural steel erector

Show me the money

\$37/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Relay and Instrumentation Technician

Monitor, test, and adjust Vital Signal Control Relays (VSCR) in transit systems.

Skilled in CNC programming, interpreting and diagnosing code and power systems; understand different types of numerically controlled machines.

You will need to:

- Complete a total of **7680 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Completed Grade 12 or equivalent.

Career Opportunities

- You could be working for electrical contractors and maintenance departments of factories, plants, mines and shipyards.

A.K.A

- Plant maintenance electrician
- Marine electrician
- Mill electrician
- Shipyard electrician
- Plant electrician

Show me the money

\$32/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Residential Air Conditioning Systems Mechanic

Maintain and repair residential air conditioning.

Cut piping, weld and braze equipment to connect pipes, and recharging cooling systems with refrigerant gases.
Computer skills required.

You will need to:

- Complete a total of **4500 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for residential heating, refrigeration and air conditioning installation companies or be self-employed.

A.K.A

- Central air conditioning mechanic
- Heating and cooling mechanic
- Heating, ventilation and air conditioning (HVAC) mechanic
- Refrigeration mechanic

Show me the money

\$29/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Restoration Mason

Prepare mortars, cut out and fill joints, reset copings, and clean stone surfaces.

Work with stone, brick, and terra cotta blocks in ashlar, rubble and brickwork.

You will need to:

- Complete a total of **6000 HOURS** of combined on-the-job training and in-class training is required for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).

Career Opportunities

- Specialized restoration masons may restore damaged chimneys and foundations in heritage buildings or repair crumbling monuments.

A.K.A

- Apprentice bricklayer
- Brickmason
- Refractory bricklayer
- Stonecutter
- Stonemason

Show me the money

\$34/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Retail Meat Cutter

Use hand and power tools to break down carcasses and cut meat to industry specifications.

Order, handle, and prepare seafood products and cured meat products for sale.

You will need to:

- Complete a total of **3460 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for supermarkets, grocery stores, butcher shops and fish stores or be self-employed.

A.K.A

- Retail butcher
- Meat cutter – retail or wholesale
- Supermarket meat cutter
- Fishmonger

Show me the money

\$14/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Roll Grinder/Turner

Heat metal and roll it through machines to flatten it to a specific thickness.

Skilled at steel, iron, high chrome, tool steel, and forged rolls.

You will need to:

- Complete a total of **5760 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for structural steel, boiler and platework fabrication plants, heavy machinery manufacturing plants, or sheet metal fabrication shops.

A.K.A

- Metalworking machine helper
- Ship-fitter helper
- Grinder-deburrer

Show me the money

\$19.90/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Roofer



Install, repair, and replace roofing systems.

Install and maintain slate, tile, shingles, and resurfaced roofs.

You will need to:

- Complete a total of **4000 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for roofing and general contractors, or be self-employed.

A.K.A

- Built-up roofer
- Residential steep roofer
- Single-ply roofer
- Shingler
- Asphalt roofer

Show me the money

\$21/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Saddlery

Design, manufacture, rebuild, and repair saddles, saddle trees, and harnesses.

Work on riding boots and other gear for equestrian activities.

You will need to:

- Complete a total of **5440 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working for manufacturers of leather products.

A.K.A

- Leather cutter
- Sample cutter
- Shoe cutter

Show me the money

\$15.66/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Saw Filer/Fitter

Repair, set, and sharpen band saws, circular saws, chain saws, hand saws and other types of saw blades.

You will need to:

- Complete a total of **8000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for lumber mills, processing plants or be self-employed.

A.K.A

- Mill worker
- Lumber yard worker

Show me the money

\$20/HR

**Median Wage
Ontario**



Source Labour Market Information – ESDC



Sheet Metal Worker / Residential (Low Rise) Installer



Cut, shape, and assemble sheet metal for furnace and duct systems in homes; oven and drying systems in plants.

Residential (Low Rise):

work specifically in air handling or ventilation systems (buildings are maximum of four stories).

You will need to:

- Complete a total of **9000 HOURS** of combined on-the-job and in-class training.
Residential: 4500 HOURS of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for sheet metal fabrication shops, sheet metal products manufacturing companies or sheet metal work contractors.

A.K.A

- Sheet metal fabricator
- Sheet metal mechanic
- Tinsmith

Show me the money

\$31/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Ski Lift Mechanic

Inspect, repair, and maintain ski lifts and associated equipment.

You will need to:

- Complete a total of **5520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You will be working for ski resorts (both private and public).

A.K.A

- Industrial mechanic
- Maintenance millwright
- Ski lift technician

Show me the money

\$28/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Small Engine Technician

Test, repair and service small gasoline and diesel-powered engines such as chainsaws, lawnmowers, garden tractors, and snow blowers.

Interpret manufacturers' service manuals and codes, estimate repair costs.

You will need to:

- Complete a total of **4520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for dealer or independent service shops or be self-employed.

A.K.A

- Small equipment repairer
- Gasoline powered lawn mower repairer
- Lawn and garden equipment technician

Show me the money

\$18/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Special Events Coordinator

Plan, organize and co-ordinate all types of events: meetings, conferences, conventions, seminars, exhibitions, trade shows or festivals.

Strong organization, coordinating and communication skills needed.

You will need to:

- Complete a total of **5000 HOURS** of on-the-job plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for tourism, trade and professional associations, convention and conference centres, governments and by conference and event planning companies, or be self-employed.

A.K.A

- Conference & meeting planner
- Convention coordinator
- Event planner
- Festival organizer
- Trade show planner

Show me the money

\$22.53/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Sprinkler and Fire Protection Installer



Install, repair, maintain and test high-pressure and low-pressure sprinkler systems.

You will need to:

- Complete a total of **7200 HOURS** of combined on-the-job and in-class training.
- Have completed Grade 10 or equivalent)Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for factories or plants (maintenance departments), pipefitting and sprinkler system contractors, or be self-employed.

A.K.A

- Fire sprinkler fitter
- Pipefitter
- Sprinkler system fitter
- Steamfitter

Show me the money

\$36/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Steamfitter



Assemble, install, maintain, and repair any heating, cooling systems, or industrial systems that carry gases, use pneumatic tubing, and involve handling air.

You will need to:

- Complete a total of **9000 HOURS** of combined on-the-job and in-class training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for factories or plants (maintenance departments), pipefitting and sprinkler system contractors, or be self-employed.

A.K.A

- Fire sprinkler fitter
- Pipefitter-Steamfitter
- Sprinkler system fitter
- Marine pipefitter

Show me the money

\$36/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Surface Blaster

Handle, store, and transport explosives at a variety of construction sites.

Hook up/fire explosives, plan blast patterns, handle misfires, dispose of explosives, supervise blasting helpers, secure area of the blast.

You will need to:

- Complete a total of **2240 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for mining, quarrying and construction companies and by drilling and blasting contractors.

A.K.A

- Blaster, construction
- Blaster - surface mining
- Driller, construction
- Foundation drill operator
- Open-pit blaster

Show me the money

\$30/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Surface Mount Assembler

Solder, bond and assemble various electronic components such as transistors, diodes, capacitors, integrated circuits, wires, or other electronic parts .

You will need to:

- Complete a total of **5000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You will be working mainly in electronics manufacturing plants.

A.K.A

- Capacitor assembler
- Circuit board assembler
- Inspector, printed circuit board (PCB) assembly
- Precision instrument assembler - electronic equipment manufacturing

Show me the money

\$15.16/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Terrazo, Tile, and Marble Setter



Cover floors and other surfaces with ceramic tiles, marble, mosaic tile, or other materials.

You will need to:

- Complete a total of **5600 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for construction companies and masonry contractors, or be self-employed.

A.K.A

- Ceramic tile installer
- Marble setter
- Terrazzo polisher
- Terrazzo worker
- Tile installer

Show me the money

\$30/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Tire Rim & Wheel Mechanic

Assess, fix, or replace damaged vehicle parts.

Hoist and suspend vehicles using jacks, test tire pressure and rims, conduct final inspection to ensure safety standards are met.

You will need to:

- Complete a total of **3700 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for auto dealers, garages, truck and trailer dealerships, fleet maintenance companies, and service stations, automotive specialty shops, or transportation companies.

A.K.A

- Automotive service technician
- Bus mechanic
- Truck and transport mechanic

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Tool & Cutter Grinder

Shape and sharpen precision cutting tools to be used in manufacturing.

Read work orders and blueprints, set machines to cut to precise measurements, maintain equipment.

You will need to:

- Complete a total of **3760 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for metal products and other manufacturing companies or in machine shops.

A.K.A

- Milling machine set-up operator
- Production gear cutter
- Lathe machining operator
- Boring mill operator – metal machining

Show me the money

\$22/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Tool & Die Makers / Tool/Tooling Maker



Tool & Die: use lathes, drill presses, and milling machines to produce precision metal parts (tools, dies, and moulds) for manufacturing.

Tool/Tool Maker: repair the specialized equipment used in manufacturing to build industrial and consumer products.

You will need to:

- Complete a total of **7280 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You will mainly be working for manufacturing industries such as automobile, aircraft, metal fabrication, electrical machinery and plastics, and in tool and die, mould making and machine shops.

A.K.A

- Jig maker
- Die finisher
- Die maker
- Metal mould maker
- Metal patternmaker

Show me the money

\$27/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Tool & Gauge Inspector

Maintain quality control standards in machine parts and tooling by testing and adjusting the equipment.

Read blueprints and charts, use algebra and geometry, update inspection records.

You will need to:

- Complete a total of **3830 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- First be certified as a tool and die maker.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for manufacture companies who motor vehicles, automotive parts, aircrafts or by machine shops.

A.K.A

- Machined parts inspector
- Automotive machinist
- Aviation machinist
- Machining inspector

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Tractor Trailer Commercial Driver

Transport goods and materials over local routes or long distances.

Map out efficient routes, update travel logs, inspect the trailer before, during, and after trips.

You will need to:

- Complete a total of **2000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent is recommended).

Career Opportunities

- You could be working for transportation, manufacturing, distribution and moving companies, and trucking employment service agencies, or they be self-employed.

A.K.A

- Bulk goods truck driver
- Dump truck driver
- Flatbed truck driver
- Logging truck driver
- Long haul truck driver

Show me the money

\$20.50/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

C

Transmission Technician

Specialize in the maintenance and repair of automatic transmissions.

Estimate repair costs, use computerized diagnostic equipment, test vehicle performance.

You will need to:

- Complete a total of **6000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for auto dealers, garages, truck and trailer dealerships, fleet maintenance companies, or service stations.

A.K.A

- Automotive service technician
- Truck and transport mechanic
- Truck-trailer repairer

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Truck and Coach Technician



Overhaul, repair, and rebuild trucks, tractor-trailers, buses, coaches, and other road transport equipment.

May specialize in systems: fuel, brake, steering & suspension; transmission, emission control and exhaust; engines; and climate control.

You will need to:

- Complete a total of **6000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- You could be working for auto dealers, garages, truck and trailer dealerships, fleet maintenance companies, automotive specialty shops, or transportation companies.

A.K.A

- Truck and transport mechanic
- Bus mechanic
- Apprentice motor vehicle mechanic
- Transmission mechanic

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Truck Trailer Service Technician



Rebuild, overhaul, and recondition commercial truck trailers. Repair and replace sheet metal and frames, diagnose and service suspension and braking systems, heating and refrigeration units, electrical and hydraulic systems, axles, hubs, tires, wheels, and coupling units.

You will need to:

- Complete a total of **4000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities

- These technicians need to have good hand-eye coordination, physical fitness, and mechanical aptitude.
- Work is performed indoors.

A.K.A

- Automotive service technician
- Truck and transport mechanic
- Truck-trailer repairer

Show me the money

\$24/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Turf Equipment Technician

Diagnose, maintain and repair all the parts of mowers, trimmers, leaf blowers (including golf carts).

Sharpen mower blades; repair diesel engines; fix brake lines.

You will need to:

- Complete a total of **5000 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for dealer and or independent service shops or be self-employed.

A.K.A

- Lawn and garden equipment technician
- Lawn mower repairer, gasoline powered
- Small equipment repairer

Show me the money

\$18/HR
Median Wage
Kingston/Pembroke Region



Source Labour Market Information – ESDC



Water Well Driller

Construct and maintain water wells. Locate water sources; protect ground water; maintain drilling equipment; disinfect completed wells; and install or servicing pumps.

You will need to:

- Complete a total of **4520 HOURS** of on-the-job training plus in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities

- You could be working for water well drilling contractors and governments, or be self-employed

A.K.A

- Cable tool driller - water well
- Churn drill operator - water well

Show me the money

\$22.29/HR



**Median Wage
Ontario**

Source Labour Market Information – ESDC



Welder/Pressure Systems Welder



Welder: Make metal parts used in construction and manufacturing for tools and equipment.

Pressure Systems Welder: weld metal plates, tubes, and other structures using shielded metal, gas metal, gas tungsten and flux cored arc welding.

You will need to:

- Complete a total of **5280 HOURS** of on-the-job plus in-class training.
- **Pressure Systems Welder:** first complete a Certificate of Qualification as a welder or equivalent.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities

- You could be working for manufacturers of structural steel and platework, boilers, heavy machinery, aircraft and ships, or for welding contractors and welding shops, or be self-employed.

A.K.A

- Aviation welding technician
- Brazing machine operator
- Brazing machine setter
- Electric arc welder
- Pressure vessel welder

Show me the money

\$23/HR



**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Ontario Colleges of Applied Arts and Technology

Check out these Colleges' websites for more details.

[Algonquin College of Applied Arts and Technology](#)

[Collège Boréal](#)

[Cambrian College of Applied Arts and Technology](#)

[Canadore College of Applied Arts and Technology](#)

[Centennial College of Applied Arts and Technology](#)

[La Cité collégiale](#)

[Conestoga College of Applied Arts and Technology](#)

[Confederation College of Applied Arts and Technology](#)

[Durham College of Applied Arts and Technology](#)

[Fanshawe College of Applied Arts and Technology](#)

[Fleming College of Applied Arts and Technology](#)

[George Brown College of Applied Arts and Technology](#)

[Georgian College of Applied Arts and Technology](#)

[Humber College of Applied Arts and Technology](#)

[Lambton College of Applied Arts and Technology](#)

[Loyalist College of Applied Arts and Technology](#)



Ontario Colleges of Applied Arts and Technology

Check out these Colleges' websites for more details.

[Mohawk College of Applied Arts and Technology](#)

[Niagara College of Applied Arts and Technology](#)

[Northern College of Applied Arts and Technology](#)

[St Clair College of Applied Arts and Technology](#)

[St. Lawrence College of Applied Arts and Technology](#)

[Sault College of Applied Arts and Technology](#)

[Seneca College of Applied Arts and Technology](#)

[Sheridan College of Applied Arts and Technology](#)

[University of Guelph – Ridgetown Campus](#)