

THE SKILLED TRADES HANDBOOK

**A Guide to the World of
Skilled Trades and
Apprenticeship in Ontario
2023**

Published by



Your Partner in Innovative Workforce Solutions



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



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Information Sources

Page 5 Definition from Skilled Trades Ontario <https://www.skilledtradesontario.ca/apprenticeship/>

Page 5 Certificate of Apprenticeship information is from the Ontario Ministry of Labour, Immigration, Training and Skills Development <https://www.ontario.ca/page/finish-apprenticeship>

Page 5 C of Q information from Skilled Trades Ontario <https://www.skilledtradesontario.ca/about-trades/work-in-the-compulsory-trades/>

Page 5 opportunities information from the Ontario Ministry of Labour, Immigration, Training and Skills Development <https://www.ontario.ca/page/skilled-trades>

Page 5 1 in 5 job openings fact is from Ontario Newsroom <https://news.ontario.ca/en/release/1002486/ontario-helping-more-young-people-train-for-in-demand-careers-in-construction>

Page 5 72,000 number is from Toronto Star <https://www.thestar.com/politics/provincial/2023/04/08/ontario-has-a-shortage-of-skilled-trades-workers-will-its-plan-to-attract-high-school-students-put-their-education-at-risk.html#:~:text=Over%20the%20next%20five%20years,number%20of%20women%20in%20apprenticeships>

Page 5 In class training percentages are from Ontario Ministry of Colleges and Universities <https://www.tcu.gov.on.ca/eng/eopg/programs/appr-classroom.html>

Page 7 information from OYAP <https://www.oyappajo.com/oyap/>

Page 8 from OYAP <https://www.oyappajo.com/oyap/> and <https://www.oyappajo.com/frequently-asked-questions/>

Page 10 information from Ontario Ministry of Education <https://www.ontario.ca/page/dual-credit-programs>

Page 11 information from Ontario Ministry of Labour, Immigration, Training, and Skills Development <https://www.ontario.ca/page/prepare-apprenticeship>

Page 12 information from the Government of Canada <https://www.canada.ca/en/services/jobs/training/initiatives/skills-success/understanding-individuals.html>

Information Sources

Page 14 all information is from Community Learning Alternatives <https://learnwithcla.ca/>

Page 16 Your rights and responsibilities information is from the Occupational Health and Safety Act <https://www.ontario.ca/laws/statute/90o01>

Page 17 compulsory trade information from Skilled Trades Ontario <https://www.skilledtradesontario.ca/about-trades/work-in-the-compulsory-trades/>

Page 17 C of Q information from Skilled Trades Ontario <https://www.skilledtradesontario.ca/certification/>

Page 17 non-compulsory trade information from Skilled Trades Ontario <https://www.skilledtradesontario.ca/about-trades/work-in-the-non-compulsory-trades/>

Page 17 red seal information from Red Seal <https://www.red-seal.ca/eng/about/pr.4gr.1m.shtml>

Career pages information is from a combination of Hastings and Prince Edward District School Board <https://www.hpeschools.ca/cms/One.aspx?portalId=8476458&pageId=11095215>, Apprenticesearch.com <https://www.apprenticesearch.com/trades>, Skilled Trades Ontario <https://www.skilledtradesontario.ca/about-trades/trades-information/>, the Government of Canada Job Bank <https://www.jobbank.gc.ca/trend-analysis>, and OYAP https://oyap.ca/en/skilled_trades/trades_at_a_glance/

National Occupational Classification (NOC) codes are from Employment and Social Development Canada <https://noc.esdc.gc.ca/> or the Government of Canada Job Bank <https://www.jobbank.gc.ca/trend-analysis>

Page 135 some general information from Red Seal <https://www.red-seal.ca/eng/trades/w.2ld.2r.shtml>

What's an Apprentice?

DEFINITION: someone learning a skilled trade from an experienced skilled worker while getting paid. Apprentices also undergo classroom training.

Opportunities to apprentice in more than 140 trades in Ontario

How does an apprenticeship work?

To become an apprentice find an employer willing to register and train you.

Train with a certified journeyperson, while going to school for classroom theory.

A Certificate of Apprenticeship is obtained once training is complete.

A Certificate of Qualification (C of Q) is needed for compulsory trades to show that you can perform all the necessary skills of your trade.

CONTACT YOUR LOCAL TRAINING AND APPRENTICESHIP OFFICE:

MINISTRY OF LABOUR, IMMIGRATION, TRAINING AND SKILLS DEVELOPMENT
Apprenticeship Office

135 North Front St,

Belleville, K8P 3B5

613-968-5558

1-800-953-6885



FACTS:

1 in 5

job openings in 2025 are predicted to be in the skilled trades.

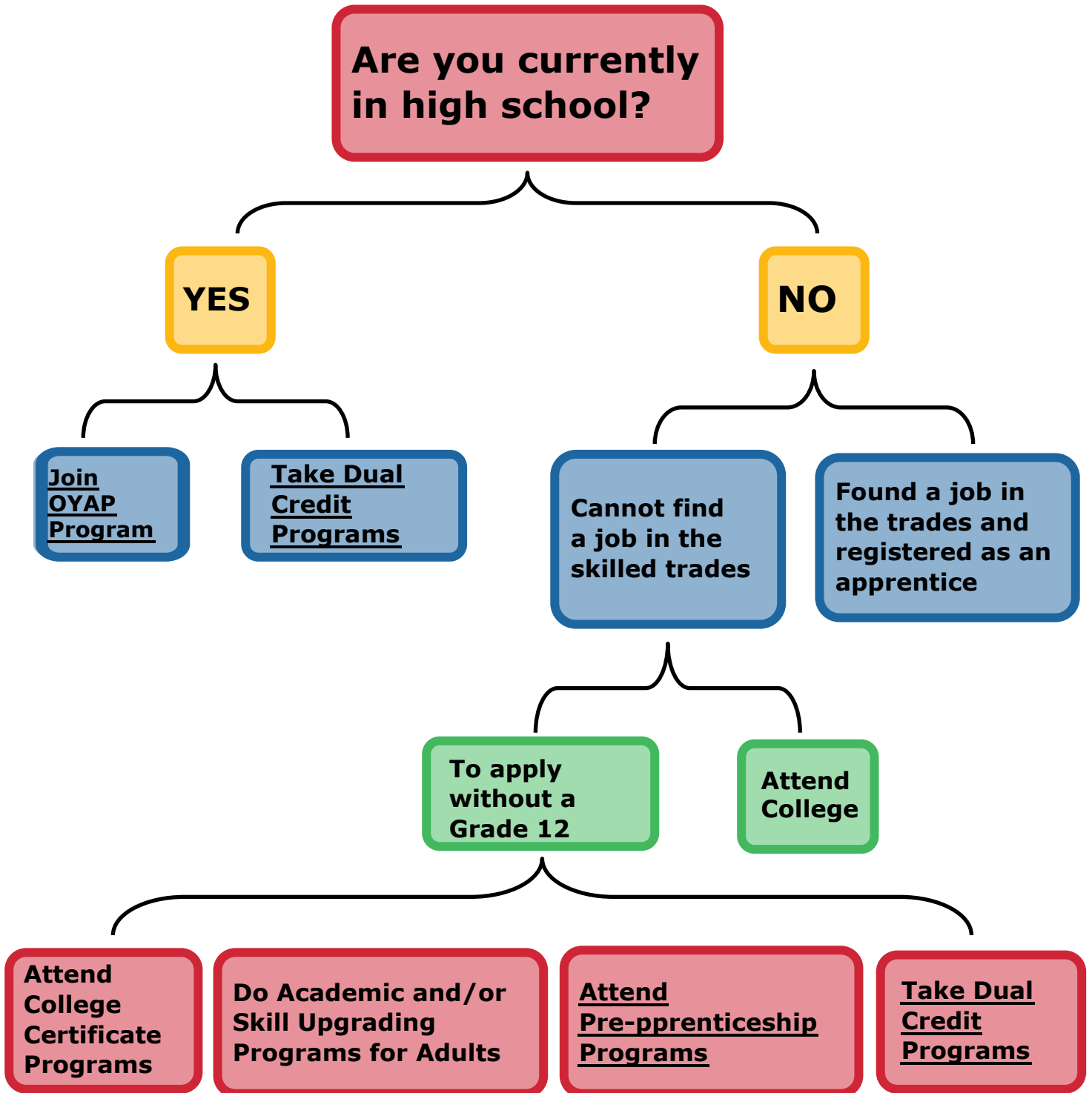
72,000

skilled trades jobs will be available in Ontario during the next 5 years.

About 85-90% of training occurs on the job.

About 10-15% of training takes place in the classroom.

Pathways to Apprenticeship



What's OYAP?

Ontario Youth Apprenticeship Program



A high school program for grade 11 and 12 students which allows them to work as apprentices through the Cooperative Education Program (Co-op).



Work as registered apprentices while also completing credits needed to earn their Ontario Secondary School Diploma (OSSD) at the SAME time!

BENEFITS

Explore career paths in the Skilled Trades.

Earn credits towards your OSSD and apply hours worked towards an apprenticeship.

Combine it with a dual credit program so students can complete their level 1 while in high school!



Return to apprenticeship pathways

Click on the icon for more info



Applying to OYAP

Step 1

Work towards obtaining your OSSD and have at least 14 credits towards your OSSD before starting a Co-op.

Step 2

Choose a trade and speak to a Guidance Counselor or Co-op teacher to find the program that is best for you.

Step 3

Sign up for Co-op so you can get a placement, find an employer, and participate in OYAP.

Step 4

The Co-op teacher will confirm that your employer can be a sponsor for the OYAP and Co-op programs.

Step 5

Fill out an OYAP participant application form to enroll with the Ministry of Labour, Immigration, Training and Skills Development.

Step 6

Work as an apprentice and get credits towards your OSSD!

Apprenticeship Requirements:



- Students must be at least 15 years old.
- The employer training and supervising the student must be a certified journeyman.



Return to
apprenticeship
pathways

Click on the icon
for more info



OYAP Local Contacts

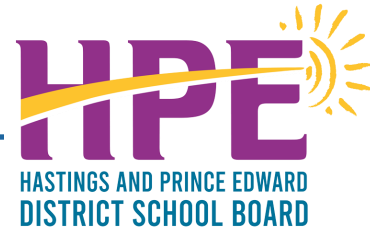


**Algonquin and Lakeshore
Catholic District School
Board**

613-354-6257 ext.435

Toll free: 1-800-581-1116

info@alcdsb.on.ca



**Hastings and Prince Edward
District School Board**

613-966-1170

Toll free: 1-800-267-4350

information@hpedsb.on.ca



Limestone
DISTRICT SCHOOL BOARD

**Limestone District School
Board**

613-544-6925 ext.229

Toll free: 1-800-267-0935
ext.229 (Ontario only)

inq@limestone.on.ca



École secondaire publique
Marc-Garneau

**Conseil des écoles
publiques de l'Est de
l'Ontario – Ecole
secondaire publique Marc-
Garneau**

613-392-6961

Toll free: 1-888-33CEPEO

marc-garneau@cepeo.on.ca

Dual Credit Program

Dual credit programs allow high school students to take apprenticeship and college courses that count towards their OSSD as well as a post-secondary certificate/diploma/degree or Certificate of Apprenticeship.



Some courses are team-taught meaning they are taught by both high school teachers and college instructors as two curriculums overlap significantly. Other courses are college-delivered dual credit courses which are delivered at the college campus.

High school students at risk of not graduating or students who left high school and are returning to get their diploma are eligible for this program.



OYAP students as well as students in Specialist High Skills Major programs and students who want to explore careers or have help with transitioning to college or an apprenticeship may also participate.



**Return to
apprenticeship
pathways**

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



Ontario

Pre-Apprenticeship Programs

For people without the experience and skills to become an apprentice who want to work in a trade.

This program has different start dates throughout the year and is up to a year in duration

- Receive skilled trades safety training
- Improve academically
- Obtain in-school training for basic level apprenticeship

Includes an 8-12 week work placement.

These services are **free** (including textbooks, tools, and safety equipment) and the training can be done across Ontario at colleges or community agencies.

To QUALIFY you must be an adult or youth who:

- Graduated or left without finishing high school or
- Are currently unemployed or underemployed
- Are Indigenous, Francophone, a newcomer to Canada, a woman, or a youth-at-risk.

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.



Do It Right The First Time!

Do you want to know why they're called "Skilled Trades"? Because these careers require many types of skills and abilities.

Have you been out of school for a bit and are not sure where you stand in the skills department?

Your first stop should be at an adult upgrading centre for an assessment of your current skills. The instructors will give you advice on next steps based on your results – *even if you already have a Grade 12 diploma.*

Remember, skills get rusty if you don't use them regularly!

Upgrade the skills you need to move forward with confidence and success.

There are a number of programs in your area to help you succeed, just reach out to your local Adult Upgrading Service Centre:



Additional Local Resources:



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

Click on the links below for more details about financial resources for Apprentices and Tradespersons or for Employers and Sponsors.

Apprentices and Tradespersons

Resource	Source
Apprenticeship Incentive Grant (AIG)	<u>ESDC</u>
Apprenticeship Completion Grant (ACG)	<u>ESDC</u>
Apprenticeship Completion Bonus (Non-Red Seal)	<u>MLITSD</u>
Apprentice Development Benefit	<u>MLITSD</u>
Tools Grant	<u>MLITSD</u>
Tradesperson's Tools Deduction	<u>Canada Revenue</u>
Canada Apprentice Loan	<u>ESDC</u>

Employers and Sponsors

Resource	Source
Achievement Incentive and Group Sponsorship Grant	<u>MLITSD</u>
Apprenticeship Job Creation Tax Credit (AJCTC)	<u>Canada Revenue</u>

WORK SMART—WORK SAFE

WORKPLACE SAFETY & INSURANCE BOARD (WSIB):

Every year many preventable injuries occur at the workplace. These injuries can happen when people do not know their rights or become distracted. Know your rights and responsibilities to help protect yourself.

YOUR RIGHTS:

THE RIGHT TO KNOW:

You have the right to know about all dangerous machinery, unsafe materials, and anything else that can make you sick, hurt, or harm you.

THE RIGHT TO PARTICIPATE:

You have the right to participate in workplace health and safety inspections, recommendations, and health and safety training.

THE RIGHT TO REFUSE:

You have the right to refuse work or refuse to use equipment you feel is unsafe. *This is the law.* You cannot be suspended, fired, or have your pay docked for refusing work you feel is unsafe.

CONTACTS FOR HEALTH AND SAFETY:

Workplace Safety and Insurance Board
416-344-1000 or 1-800-387-0750
TTY: 1-800-387-0050

EO Service Providers - Health & Safety Training Programs

META Employment Services (Belleville)
613-966-9069 or 1-888-401-9636
Career Edge (Trenton)
613-392-9157 or 1-866-859-9222
Loyalist Community Employment Services (Belleville)
613-966-0205 or 1-866-860-5652

YOUR RESPONSIBILITIES:

WORK SMART, WORK SAFE:

Don't fool around at work. You are responsible for your own safety and that of your coworkers.

REPORT UNSAFE CONDITIONS:

If you see something that looks wrong, broken, or faulty tell your boss immediately! Don't wait for an accident to occur.

DRESS FOR THE JOB:

Wear all the necessary protective equipment or clothing for your job. Make sure it fits properly and that you know how to properly use and maintain it.

It could save you from injury or death.

KNOW EMERGENCY PROCEDURES:

Locate the fire alarms, extinguishers, and exits. Make sure that they are accessible.


Ask your employer to learn about other applicable emergency procedures for your workplace.

REPORT ALL INJURIES:

If you are injured, get First Aid immediately then report the injury to your supervisor. Ensure your employer submits the proper reports to the Workplace Safety & Insurance Board.



Glossary

C	Compulsory Trade: A trade with certifying exams which can only be performed by an individual registered as an apprentice or a licensed journeyman.
Certificate of Qualification (C of Q)	Confirms its holder has skills, knowledge and experience that meet industry standards of practice for the trade and has passed the related certifying exam.
<u>ESDC</u>	Employment and Social Development Canada
<u>MLITSD</u>	Ministry of Labour, Immigration, Training and Skills Development
NC	Non-Compulsory Trade: A trade which can be practiced by individuals other than registered apprentices and certified journey persons. Some non-compulsory trades still offer Certificates of Qualification.
<u>NOC</u>	National Occupational Classification. <i>Note: A NOC Code may include a number of different occupation names.</i>
<u>OYAP</u>	Ontario Youth Apprenticeship Program
<u>Red Seal</u>	 Red Seal endorsement: is received after completing the red seal examination and demonstrates that an apprentice has met the national standard for their trade.
<u>STO</u>	Skilled Trades Ontario

LIST OF TRADES

The Thin Film Technician trade has been omitted due to lack of information. Contact your local MLITSD office for more information.

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 & Metal Technician
- ❖ Auto-Body & Collision Damage Repairer/
Auto-Body Repairer
- ❖ Automotive Glass Technician
- ❖ Automotive Painter
- ❖ Automotive Electronic Accessory Technician/Automotive Service Technician

B

- ❖ Baker/Patissier
- ❖ Bearings Mechanic
- ❖ Blacksmith

C

- ❖ Cabinetmaker
- ❖ Carpenter (General)
- ❖ Cement Finisher
- ❖ Chef
- ❖ Child & Youth Worker
- ❖ Child Development Practitioner

- ❖ Computer Numerical Control (CNC) Programmer
- ❖ Concrete Pump Operator
- ❖ Construction Boilermaker
- ❖ Construction Craft Worker
- ❖ Cook/Assistant Cook/Institutional Cook

D

- ❖ Developmental Services Worker
- ❖ Die Designer
- ❖ Draftsperson - Mechanical, Plastic Mould Design, Tool & Die Design
- ❖ Drywall - Acoustic & Lathing Applicator, Finisher & Plasterer

E

- ❖ Educational Assistant
- ❖ Electric Motor System Technician
- ❖ Electrician - Construction & Maintenance, Domestic & Rural, Signal Maintenance
- ❖ Electrician - Industrial
- ❖ Electronics Service Technician
- ❖ Elevating Devices Mechanic
- ❖ Entertainment Industry Power Technician
- ❖ Exterior Insulated Finish Systems Mechanic

LIST OF TRADES

Continued

F

- ❖ Facilities Mechanic
- ❖ Facilities Technician
- ❖ Floor Covering Installer
- ❖ Fuel & Electrical Systems Technician

G

- ❖ Gemsetter/Goldsmith

H

- ❖ Hairstylist
- ❖ Hazardous Materials Worker
- ❖ Heat & Frost Insulator
- ❖ Heavy Duty Equipment Technician/
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 Technician
- ❖ Hydraulic/Pneumatic Mechanic

I

- ❖ Information Technology Hardware
Technician
- ❖ Information Technology Network Technician
- ❖ Information Technology - Contact Centre:
Technical Support Agent, Sales Agent,
Customer Service Agent
- ❖ Instrumentation & Control Technician
- ❖ Ironworker: Generalist/Structural &
Ornamental

L

- ❖ Light Rail Overhead Contact Systems
Lineperson
- ❖ Locksmith

M

- ❖ Machine Tool Builder & Integrator
- ❖ Machinist (General)
- ❖ Marine Engine Technician
- ❖ Mason: Brick & 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

LIST OF TRADES

Continued

P

- ❖ Powered Lift Truck Technician
- ❖ Powerline Technician
- ❖ Precast Concrete Erector/Finisher
- ❖ Process Operator: Food Manufacturing
- ❖ Process Operator: Power
- ❖ Process Operator: Refinery, Chemical & Liquid Processes
- ❖ Process Operator: Wood Products

R

- ❖ Railway Car Technician
- ❖ Recreation Vehicle Technician
- ❖ Refrigeration & Air Conditioning Systems Mechanic
- ❖ Reinforcing Rodworker
- ❖ Relay & Instrumentation Technician
- ❖ Residential Air Conditioning Systems Mechanic
- ❖ Restoration Mason
- ❖ Retail Meat Cutter
- ❖ Roofer

S

- ❖ Saddlery
- ❖ Saw Filer/Fitter
- ❖ Sheet Metal Worker/Residential (low rise) Installer
- ❖ Small Engine Technician
- ❖ Special Events Coordinator
- ❖ Sprinkler & Fire Protection Installer
- ❖ Steamfitter
- ❖ Surface Blaster
- ❖ Surface Mount Assembler

T

- ❖ Terrazzo, Tile, & Marble Setter
- ❖ Tool & Cutter Grinder
- ❖ Tool & Die Maker/Tool/Tooling Maker
- ❖ Tool & Gauge Inspector
- ❖ Tractor Trailer Commercial Driver
- ❖ Transmission Technician
- ❖ Truck & Coach Technician
- ❖ Truck Trailer Service Technician
- ❖ Turf Equipment Technician

W

- ❖ Water Well Driller
- ❖ Welder/Pressure Systems Welder



Aboriginal Child Development Practitioner

Plan, organize, and administer activities for preschool children to encourage growth intellectually, physically, and emotionally.

Celebrate cultural events and traditions and be knowledgeable about traditional Aboriginal parenting.

Requirements:

- Apprenticeship: **6480 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for local day-care centres, child care centres, and in kindergarten classes.

Related Jobs:

- Early childhood educator (ECE)
- Child care worker - daycare
- Daycare helper
- Early childhood assistant



\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC

NC

Agriculture: Dairy Herdsperson

Feed, milk, and breed dairy cows as well as keeping them healthy.

Operate, maintain, clean and sterilize milk equipment and other farm equipment when necessary.

Requirements:

- Apprenticeship: **5520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work on a dairy farm (either family owned or corporate).
- Supervisory roles may be available such as dairy operations manager or government inspector.

Related Jobs:

- Cattle/Dairy herdsperson
- Artificial inseminator
- Farm machinery operator

\$21.63/HR

Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Agriculture: Fruit Grower

Grow and transplant fruit-producing plants.

Fertilize and prune fruit-producing plants and harvest the fruit.

Use and maintain machinery and tools.

Requirements:

- Apprenticeship: **5520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for vineyards, agribusinesses, farms, or be self-employed.

Related Jobs:

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

\$25/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC

NC

Agriculture: Swine Herdsman

Maintain the comfort and health of the swine herd.

Manage swine breeding and nursery stock.

Requirements:

- Apprenticeship: **5520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work on a farm (either family owned or corporate), or in Ontario pork industry positions.
- Some managerial positions may be available in breeding or farrowing.

Related Jobs:

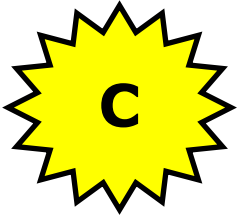
- Farm machinery operator
- Artificial inseminator
- Pork production technician



\$21.63/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Alignment & Brakes Technician

Find and repair issues in braking, suspension, steering, and electrical or electronic control systems of motor vehicles.

Requirements:

- Apprenticeship: **5400 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for auto manufacturers and dealerships as well as manufacturers of automotive parts.

Related Jobs:

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

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Appliance Service Technician



Service domestic appliances such as washers, dryers, and refrigerators.

Be knowledgeable about domestic appliance standards, read manuals and diagrams, and prepare cost estimates

Requirements:

- Complete a total of **5280 HOURS** of on-the-job plus 730 hours of in-class training for this apprenticeship.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work at appliance manufacturers, service companies, repair shops, or be self-employed.

Related Jobs:

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

\$21/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Arborist/Utility Arborist

<p>Inspect and treat trees and similar plants for diseases.</p>	<p>Maintain and prune shrubs, trees, and other outdoor plants.</p>
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Requirements:

- Apprenticeship: **5340-5400 HOURS** of on-the-job training plus 660-720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- **Arborist:** Work for landscaping companies, national/provincial/municipal parks, tree nurseries, or be self-employed.
- **Utility:** Work for government public works departments.

Related Jobs:

<p>Arborist:</p> <ul style="list-style-type: none"> → Landscape architectural technician → Tree service technician → Landscape gardener 	<p>Utility Arborist:</p> <ul style="list-style-type: none"> → Salt truck operator → Municipal/public works maintenance equipment operator
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\$18.50 or
25.50/HR

Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC




Architectural Glass & Metal Technician



Cut, fit, and install glass in metal and wooden frames, as well as making and installing the frames.

Interpret drawings, installation diagrams, and manufacturer's instructions.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent is often required).
- Certificate of Qualification exam available.
- **Glazier:** 

Career Opportunities:

- Work for glazier shops, architects, construction companies, or interior design companies.

Related Jobs:

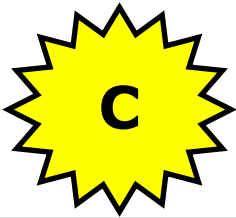
- Stained glass glazier
- Plate glass installer
- Structural glass glazier
- Glazier and metal mechanic



\$27.79/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Auto-Body: Repairer/& Collision Damage Repairer



Repairer: repair the bodies of trucks, motor vehicles, motor coaches, and truck-trailers.

Collision Damage Repairer: replace frame and structural components including panels, interior, mechanical, and electrical components.

Requirements:

- Apprenticeship: **Repairer: 5520 HOURS** of on-the-job training plus 480 hours in-class. **Collision Damage: 7280 HOURS** of on-the-job training plus 720 hours in-class.
- Complete the Certificate of Qualification exam.
- **Repairer:** Have completed Grade 10 (Grade 12 or equivalent often required).
- **Collision Damage Repairer:** Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for auto-body repair shops, vehicle dealerships and manufacturers, or automobile appraisal centres.

Related Jobs:

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

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Automotive Glass Technician

Install, remove, and repair windshields and other glass on automobiles, buses, trucks, and other vehicles.

Be knowledgeable about adhesives and sealants, and perform tests to find water or air leaks.

Requirements:

- Apprenticeship: **3760 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for automotive repair shops, trucking companies, public transit authorities, dealerships and manufacturing companies, or be self-employed.

Related Jobs:

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

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Automotive Painter



Mix paint and match colours to refinish painted surfaces on vehicle bodies.

Use machines including sanding equipment and apply anti-corrosion treatments as well as stencils and other decorations.

Requirements:

- Apprenticeship: **4560 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work at auto-body repair shops, vehicle dealerships, and automobile appraisal centres.

Related Jobs:

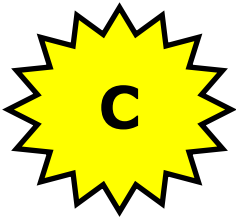
- Automotive glass technician
- Metal finisher/repairer – motor vehicle manufacturing
- Auto body repair
- Motor vehicle body technician
- Automotive body mechanic

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Automotive Electronic Accessory/ Service Technician



Inspect, diagnose, and repair electrical and electronic component issues in motor vehicles including cars and trucks.

Requirements:

- Apprenticeship: **Auto Service Technician: 6500 HOURS** of on-the-job training plus 720 hours in-class. **Auto Electronic Accessory: 3000 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work at auto-body repair shops, vehicle dealerships, or be self-employed.

Related Jobs:

- Transmission mechanic
- Automobile mechanic
- Tune-up specialist - motor vehicle
- Mechanical upgrader - motor vehicle manufacturing
- Brake systems mechanic

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC





Baker/Patissier



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

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

Requirements:

- Apprenticeship: **Baker: 5280 HOURS** of on-the-job training plus 720 hours in-class. **Patissier: 6130 HOURS** of on-the-job training plus 870 hours in-class.
- Have completed Grade 12 or equivalent.
- **Patissier:** Certificate of Qualification exam available.

Career Opportunities:

- Work for bakeries, restaurants, supermarkets, and hotels.

Related Jobs:

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

\$15.50/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Bearings Mechanic

Disassemble, inspect, clean, repair, and replace bearings.

Requirements:

- Apprenticeship: **5760 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work at manufacturers of machinery, equipment, and motor vehicle parts.

Related Jobs:

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

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

NC

Blacksmith

Make and fix metal objects like chisels, gates, drills, railings, and furniture.

Specialize as a Ferrier making and repairing horseshoes.

Requirements:

- Apprenticeship: **5280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Usually self-employed.
- Can focus more specifically on ornamental/artistic, farm equipment, or industrial.

Related Jobs:

- Toolsmith
- Die setter
- Gunsmith
- Vault repairer
- Locksmith
- Restoration steeplejack

\$24.50/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Cabinetmaker



Build and repair wooden furniture, cabinets, fixtures, and other related products using a variety of machinery and tools.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for furniture manufacturers and millwork or interior construction companies.

Related Jobs:

- Custom wood furniture maker
- Furniture cabinetmaker
- Cabinetmaker apprentice

\$23/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Carpenter (General)



Build, repair, and renovate structures made of wood, plaster, steel, tile and other materials. Work on cabinets, doors, stairs, and other wooden structures.

Requirements:

- Apprenticeship: **6480 HOURS** of on-the-job training and 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for construction companies or developers (commercial and residential).

Related Jobs:

- Stair builder - carpenter
- Journeyman carpenter
- Rough carpenter
- Maintenance carpenter
- Finish carpenter
- Renovation carpenter

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC





Cement Finisher



Install, repair, and restore concrete floors, curbs, sidewalks, and pavements.

Use specialized equipment to create decorative finishes with colours as well as other forms of surfaces.

Requirements:

- Apprenticeship: **4020 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent is often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work at construction companies, manufacturers of precast concrete products, cement and concrete contractors, or be self-employed.

Related Jobs:

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

\$25/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Chef

Chefs are more highly trained than regular cooks. Duties include cooking, budgeting, purchasing supplies, creating menus, hiring staff, and overall making sure that things run smoothly in the kitchen.

Requirements:

- Apprenticeship: **1900 HOURS** of on-the-job training plus 360 hours in-class.
- Must have completed Interprovincial Certificate of Qualification (Red Seal) in the **Cook** trade and 1 year of work experience.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work in restaurants, clubs, hotels, hospitals, and on ships.

Related Jobs:

- Sous-chef
- Corporate chef
- Pastry chef
- Saucier
- Executive sous-chef
- Specialist chef

\$19/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Child & Youth Worker

Help children, youth, and families with strategies to improve children's emotional, physical, social, and intellectual development.

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

Requirements:

- Apprenticeship: **6240 HOURS** of on-the-job training plus 960 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for mental health agencies, school boards, correctional facilities, group homes, substance abuse centres, or social service and government agencies.

Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Child Development Practitioner

Plan and lead programs for children to improve their emotional, physical, social, and cognitive growth.

Requirements:

- Apprenticeship: **5280 HOURS** of on-the-job training plus 750 hours in-class.
- Have completed Grade 12 or equivalency.

Career Opportunities:

- Work in schools, childcare centres, hospitals, social service organizations, or municipal governments.
- 3000 hour further education to specialize in working with children with disabilities

Related Jobs:

- Early childhood educator (ECE)
- Early childhood program staff assistant
- Child care worker – daycare
- Preschool supervisor
- Daycare worker

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Computer Numerical Control (CNC) Programmer

Program CNC machinery used to make identical parts which are used in other production processes. For example, CNC machinery could be used to manufacture moulds and dies which are then used to mass-produce metal and plastic parts.

Requirements:

- Apprenticeship: **3760 HOURS** of on-the-job training plus 240 hours in-class.
- Have a Certificate of Qualification in a related trade (429A, 430A, 431A, 443A, or 630T).

Career Opportunities:

- Work in government departments, manufacturing and insurance companies, or other industries.

Related Jobs:

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



\$31.25/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Concrete Pump Operator

Drive concrete pumps and help set them up at construction sites.

Pump the concrete safely into the correct spot with the help of others.

Requirements:

- Apprenticeship: **2000 HOURS** of on-the-job training plus 159 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for a trade/labour contractor, surface mine/quarry operator, or construction company.

Related Jobs:

- Concrete mixer helper
- Construction helper
- Concrete paving labourer
- Construction labourer

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Construction Boilermaker



Build and service pressure tanks and large boilers.

Cut and shape metal as well as inspecting boilers for leaks or other problems.

Requirements:

- Apprenticeship: **5880 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent is often required).
- Certificate of Qualification exam is available.

Career Opportunities:

- Work for steel and iron producers, construction companies, or nuclear power plants.

Related Jobs:

- Pressure vessel fabricator
- Industrial boilermaker
- Boiler installer
- Marine boilermaker
- Boiler fitter

\$44.14/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC





Construction Craft Worker



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

Handle construction equipment, materials and parts.

Requirements:

- Apprenticeship: **2400 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent is often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for construction firms, or building developers (residential or commercial).

Related Jobs:

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

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



NC

Cook/Assistant Cook/ Institutional Cook

Cook: Prepare and present food of all types.



Assistant Cook:

Prepare sandwiches, salads, breakfasts, short-order grills, and desserts.

Institutional Cook:

Prepare high-quality food in large quantities while following a budget.

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Cook: 6000 HOURS, Assistant: 3000 HOURS, or Institutional: 3960 HOURS.**
- **Cook/Institutional:** Have completed Grade 12 or equivalent **Assistant Cook:** Have completed Grade 10 (Grade 12 or equivalent is often required).
- Certificate of Qualification exam available (**Cook/Institutional**).

Career Opportunities:

- Work at hotels, restaurants, hospitals, schools, other institutions, or onboard ships.

Related Jobs:

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

\$15.50/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Developmental Services Worker

Help people with developmental disabilities by improving their ability to participate in their community.

Be knowledgeable about health and wellness, as well as strategies for abuse prevention, and crisis prevention and intervention.

Requirements:

- Apprenticeship: **3720 HOURS** of on-the-job training plus 780 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work in nursing homes, schools, residential care facilities, or for social assistance providers

Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Die Designer

Create dies for cutting and forming.

Be skilled at using CAD programs and piece part drawings.

Requirements:

- Apprenticeship: **3760 HOURS** of on-the-job training plus 240 hours in-class.
- Have a Certificate of Qualification as a Tool and Die Maker.

Career Opportunities:

- Work in manufacturing machinery and parts for automobiles and aircraft.

Related Jobs:

- Machine designer
- Tool designer
- Mould designer
- Mechanical engineering technologist

\$35/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Draftsperson

Mechanical/Plastic Mould/Tool & Die

Mechanical:

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

Plastic Mould:

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

Tool & Die:

draw plans for patterns, templates, and components for dies, tooling, and other equipment.

Requirements:

- Apprenticeship: **7400 HOURS** of on-the-job training plus 573-600 hours in-class.
- Have completed Grade 12 or equivalent.
- Often a 2-year drafting technician or 3-year drafting technologist program is necessary.

Career Opportunities:

- Work for consulting, utility, construction, and manufacturing companies, or for government agencies.

Related Jobs:

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

\$30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Drywall Acoustic & Lathing Applicator/Finisher & Plasterer



Acoustic & Lathing

Applicator: install insulation, ceiling systems, exterior structural steel studs, partition walls, furring and shaft wall systems.

Finisher & Plasterer: Install wallboard, apply or fix plaster on ceilings, texture concrete, internal and external walls, and install or fix mouldings.

Requirements:

- Apprenticeship: on-the-job training and in-class training for a combined total of **5400 HOURS**.
- **Acoustic & Lathing:** Have completed Grade 10 (Grade 12 or equivalent often required).
- **Finisher & Plasterer:** Have completed Grade 8 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for construction companies, drywalling, lathing, and plastering contractors, or be self-employed.

Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Educational Assistant

Help teachers implement student educational plans.

Help teach life skills, create a good learning environment, and apply intervention techniques.

Requirements:

- Apprenticeship: **2268 HOURS** of on-the-job training plus 432 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for private schools, centres for children, or school boards.

Related Jobs:

- Special education assistant
- Remedial education aide
- Educational resources assistant
- Homework assisant

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Electric Motor System Technician

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

Determine the need, type, and extent of repairs and use tools (hand and power) to perform repairs.

Requirements:

- Apprenticeship: **7520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work at service shops of electrical equipment manufacturers, electrical repair shops, or maintenance and manufacturing departments.

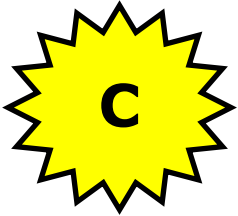
Related Jobs:

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

\$30/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Electrician

Construction & Maintenance
/Domestic & Rural/Signal Maintenance



Install, test, and service electrical systems, ensuring the safety of electrical connections that they meet the electrical code.

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Domestic & Rural: 7200 HOURS** and **Construction & Maintenance: 9000 HOURS**.
- **Signal Maintenance: 240 HOURS** in-class.
- Have completed Grade 10 (Grade 12 or equivalent is recommended).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work in maintenance departments, for electrical contractors, or be self-employed.
- **Signal Maintenance:** Certificate of Qualification as a Construction and Maintenance Electrician is required.

Related Jobs:

- Construction electrician apprentice
- Apprentice electrician



\$30.77/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Electrician - Industrial



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

Requirements:

- Apprenticeship: **8160 HOURS** of on-the-job training plus 840 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work in maintenance departments of factories, plants, mines and shipyards or for electrical contractors.

Related Jobs:

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

\$34/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

NC

Electronics Service Technician

Install, modify, test, maintain, and repair electronic products such as stereos, video cameras, television and radio receivers, video and audio tape recorders, and two way radio communication systems.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for retail companies, television/stereo repair shops, or be self-employed.

Related Jobs:

- Alarm system technician
- Computer service technician
- Audio-video service technician
- Electronic products field service technician

\$24.39 / HR

Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Elevating Devices Mechanic

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

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.
- Obtain an EDM-A certificate given by the Technical Standards and Safety Authority.

Career Opportunities:

- Work for elevator maintenance and construction companies.

Related Jobs:

- Escalator repairer
- Elevator constructor
- Elevator mechanic

\$45/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Entertainment Industry Power Technician

Install, organize, and supervise temporary power systems used for entertainment.

Requirements:

- Apprenticeship: **4520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for theatre/stage/dance/motion picture/video production companies, radio/television stations and networks, or recording studios.

Related Jobs:

- Lighting technician
- Settings shop foreperson
- Stage manager
- Theatre technician
- Property master - broadcasting

\$28.27/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Exterior Insulated Finish Systems Mechanic

Combine resinous cladding with a layer of insulation and add it to the exterior of a building.

Read blueprints and drawings, apply adhesives, and prepare and install insulation boards.

Requirements:

- Apprenticeship: **5400 HOURS** of on-the-job training plus 400 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for residential developers, construction companies, or roofing, construction, and independent contractors.

Related Jobs:

- Firestopping insulator
- Insulation mechanic
- Boiler & pipe insulator
- Heat & frost insulator
- Building insulator

\$27.68/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Facilities Mechanic

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

Requirements:

- Apprenticeship: **5520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for school boards, universities, hospitals, hotels, malls, or parks and recreation departments.

Related Jobs:

- Systems controller - electrical power systems
- Building systems technician
- Electrical power systems operator
- Power dispatcher - generating station

\$42/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Facilities Technician

Monitor and troubleshoot building systems operations including air compressors, ventilators, and air conditioning, water treatment, plumbing, electrical, and emergency systems.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for malls, universities, hospitals, hotels, or parks and recreation departments.

Related Jobs:

- Electrical power systems operator
- Systems controller - electrical power systems
- Building systems technician
- Power dispatcher - generating station

\$42/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Floor Covering Installer



Measure, install, inspect, repair, and service rugs, carpets, and all types of floors.

Prepare floors by removing existing trim and flooring, mark floors for tile and pattern installation, and apply adhesives.

Requirements:

- Apprenticeship: **5400 HOURS** of on-the-job training and 600 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent recommended).
- Certificate of Qualification exam available.

Career Opportunities:

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

Related Jobs:

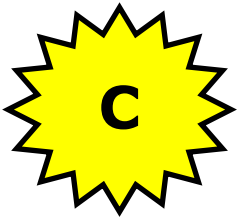
- Carpet layer
- Floor covering mechanic
- Resilient floor installer
- Vinyl floor installer
- Hardwood floor layer

\$20/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Fuel & Electrical Systems Technician

Adjust and repair motor vehicle fuel systems.

Install and maintain air-conditioning and electrical equipment.

Requirements:

- Apprenticeship: **6500 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for truck and trailer dealerships, motor vehicle dealers, garages, fleet maintenance companies, automotive specialty shops, or transportation companies.

Related Jobs:

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



\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Gemsetter / Goldsmith

Cut, design, and repair precious and semi-precious jewelry and gemstone work. This includes, testing, rolling, drawing, and forming metals.

Requirements:

- Apprenticeship: **7520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for retail stores, jewelry or clock and watch manufacturers, and watch repair shops, jewelry or be self-employed.

Related Jobs:

Gemsetter:

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

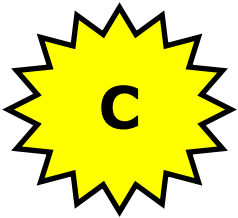
Goldsmith:

- Silversmith
- Metal arts worker
- Carver
- Glass blower

\$18-\$20.50 / HR

Median Wage Ontario

Source Labour Market Information – ESDC



Hairstylist

Cut, and style hair. Apply chemical treatments on hair such as colouring and perming.

Creativity and social skills are beneficial.

Requirements:

- Apprenticeship: **3020 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

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

Related Jobs:

- Hairstylist
- Barber
- Wig stylist
- Hair colour technician



\$16.03/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Hazardous Materials Worker

Identify, remove, and transport hazardous materials safely - including lead, asbestos, mould, or mercury.

Must be able to stay calm and work quickly in situations where hazardous substances may endanger other people.

Requirements:

- Apprenticeship: **2898 HOURS** of on-the-job training plus 102 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for transportation, manufacturing, processing, and storage companies or at warehouses.

Related Jobs:

- Railway care loader
- Conveyor console operator
- Material handler
- Freight handler (except air transport)
- Forklift truck operator

\$18/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Heat & Frost Insulator



Prevent or decrease the transmission of heat, cold, sound, moisture, vapour, and fire in buildings.

Apply insulating materials to equipment, systems, and the interior surfaces of buildings such as walls, ceilings, and floors.

Requirements:

- Apprenticeship: **5770 HOURS** of on-the-job training and 630 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent is recommended).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for insulation contractors, construction companies, or be self-employed.

Related Jobs:

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

\$27.68/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Heavy Duty/Agricultural Equipment Technician



Heavy Duty: Work with various heavy duty equipment and vehicles, including: cranes, graders, bulldozers, and heavy duty logging and mining equipment.

Agricultural: Maintain and repair agricultural equipment including: tillage, seeding, and harvesting, equipment as well as tractors.

Requirements:

- Complete a total of **6280 HOURS** of on-the-job training plus 720 hours in-class.
- Have complete Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for rental and service companies or equipment dealers .

Related Jobs:

- Tractor mechanic
- Construction equipment mechanic
- Heavy mobile logging/ mining equipment mechanic
- Diesel mechanic – heavy equipment



\$30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Heavy Equipment Operator

(Dozer/Excavator/Tractor Loader Backhoe)



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

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

Requirements:

- Apprenticeship: **2260 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for construction, logging, cargo-handling, and pipeline companies, heavy equipment contractors, or public works departments.

Related Jobs:

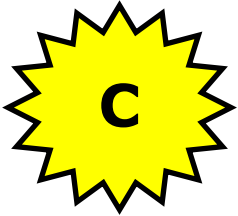
- Grader operator
- Side boom tractor operator
- Backhoe operator
- Loader operator – construction
- Surface mining equipment operator

\$24.04/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC






Hoisting Engineer (Mobile Crane Operator 1 & 2/Tower Crane Operator)

Mobile Crane Operator 1 and 2: operate mobile cranes that lift, move, and place heavy materials, machinery, or other large objects.

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

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Mobile Crane Operator 1: 6000 HOURS, Mobile Crane Operator 2: 1000 HOURS, and Tower Crane Operator: 3000 HOURS.**
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.
- **Mobile Crane Operator 1 & Tower Crane Operator:** 

Career Opportunities:

- Work for mining, construction, industrial, cargo handling, and railway companies.

Related Jobs:

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

\$32.50/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

NC

Horse Groom

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

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

Requirements:

- Apprenticeship: **3598 HOURS** of on-the-job training plus 402 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for a horse ranch, humane society, stable, race track, horse veterinarian, or be self-employed.

Related Jobs:

- Veterinary attendant
- Animal care worker
- Zoo attendant
- Dog groomer
- Pet groomer

\$16/HR

Median Wage
Kingston/Pembroke Region

Source Labour Market Information – ESDC



Horse Harness Maker

Cut, stitch, repair, and assemble leather using equipment or by hand.

Requirements:

- Apprenticeship: **7400 HOURS** of on-the-job training plus 600 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for harness-making companies, boarding facilities, race tracks, or saddle companies.

Related Jobs:

- Leather cutter
- Sample cutter
- Fur cutter
- Textile machine cleaner
- Dyeing and finishing machine loader

\$17.49/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Horticultural Technician



Plant and maintain plants outside and inside, maintain turf and golf courses, and build landscapes.

Have knowledge of irrigation methods, pest management, and soil.

Requirements:

- Apprenticeship: **5400 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

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

Related Jobs:

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

\$18.50/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Hydraulic/Pneumatic Mechanic

Install, maintain, repair, and adjust fluid, pneumatic, hydraulic or fluid systems.

Write reports, prepare sketches, check drawings, maintain records of repairs.

Requirements:

- Apprenticeship: **7400 HOURS** of on-the-job training plus 600 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for transport companies, heavy/farming equipment companies, or in the aerospace industry.

Related Jobs:

- Heavy-duty equipment mechanic
- Construction equipment mechanic
- Farm equipment mechanic
- Locomotive mechanic

\$21/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Information Technology Hardware Technician

Assemble and fix microcomputer components and systems as well as installing application software and operating systems.

Requirements:

- Apprenticeship: **6420 HOURS** of on-the-job training plus 630 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for computer hardware manufacturers and retailers, software developers, information technology units in the public and private sectors, technical support companies, call centres, or be self-employed.

Related Jobs:

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

\$31/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Information Technology Network Technician

Install, maintain, and configure network servers and client workstations connected by a local area network.

Requirements:

- Apprenticeship: **6340 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for public or private information technology companies/departments.

Related Jobs:

- Network support technician
- Web technician
- LAN (local area network) administrator/technician
- Network system administrator
- Data centre operator

\$34.87/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Information Technology

Contact Centre: Technical Support Agent/ Sales Agent/Customer Service Agent

Provide exceptional customer service to IT contact centre callers.

Requirements:

- Apprenticeship: **3730-3820 HOURS** of on-the-job training plus 180-270 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for call centres, computer hardware manufacturers and retailers, technical support companies, software developers, or be self-employed.

Related Jobs:

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

\$31/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Instrumentation & Control Technician



Install, program, maintain, test, and repair control, networking, and process systems, as well as pneumatic, electronic, electrical, mechanical, and analytical instrumentation devices.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for pulp and paper processing, nuclear, hydro power generating, mining, natural gas and petrochemical, industrial instrument, or other manufacturing companies.

Related Jobs:

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



\$37.40/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Ironworker

Generalist/Structural & Ornamental



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

Structural & Ornamental: make, install, inspect and maintain structural, ornamental, and other metal work.

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Generalist: 8000 HOURS** and **Structural & Ornamental: 6000 HOURS**.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for construction contractors doing ironwork.

Related Jobs:

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

\$42/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



NC

Light Rail Overhead Contact Systems Lineperson

Build and maintain lighting, aerial feeder, electrical track switch, and contact conduct systems. Use conductors, air compressors, switches, transducers, puller-tensioner machines, track gauges, hydraulic presses, voltmeters, ammeters, and hoisting equipment within the light rail system.

Requirements:

- Apprenticeship: **8000 HOURS** of on-the-job training plus 300 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for public transportation companies and municipality transit departments.

Related Jobs:

- power lineman/woman
- power line patroller
- Cable installer - electrical power
- powerline technician



\$43.75/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Locksmith

Make keys, service and install all types of locks, and access systems, both mechanical and electrical.

Requirements:

- Apprenticeship: **6000 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for security firms, locksmith companies, hardware stores, or car dealerships.

Related Jobs:

- Safe maker
- Blacksmith
- Saw fitter
- Toolsmith
- Vault repairer



\$24.50/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Machine Tool Builder & Integrator

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

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work in industrial machinery manufacturers, tool and die shops, or motor/transformer assembly companies.

Related Jobs:

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

\$27.89 / HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Machinist (General)



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

Estimate sizes and distances accurately, and interpret engineering drawings.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have complete Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for machine shops or manufacturing companies producing machinery, equipment, automotive parts, motor vehicles, aircraft, and other metal products.

Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Marine Engine Technician

Service, repair, and replace boat engines as well as generating, ventilating, exhaust, cooling, starting, steering, and charging systems.

Requirements:

- Apprenticeship: **4280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for marine engine manufacturers, marine dealers, or repair shops.

Related Jobs:

- Small engine technician
- Air-cooled engine mechanic
- Lawn and garden equipment technician
- Small equipment repairer
- Gasoline-powered lawn mower repairer

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Mason: Brick & Stone / Refractory

Build, install, and repair walls, fireplaces, arches, pavings, floors, chimneys, and smokestacks.

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

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Brick & Stone: 5600 HOURS** and **Refractory: 4000 HOURS**.
- Have completed Grade 8 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available (Brick & Stone).

Career Opportunities:

- Work for bricklaying contractors, construction companies or be self-employed.

Related Jobs:

- Stonemason
- Bricklayer
- Stonecutter
- Refractory bricklayer

\$30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Metal Fabricator (Fitter)



Cut, shape, and assemble metal parts used in the construction of buildings, bridges, tanks, boilers, and pressure vessels.

Operate machinery, make patterns, and read engineering drawings.

Requirements:

- Apprenticeship: **4680 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for manufacturing plants making structural steel, boilers, transportation equipment, and heavy machinery, or work for welding, gas/oil, and mining companies.

Related Jobs:

- Shipfitter
- Plater
- Steel fabricator
- Structural steel fitter

\$25/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC





Micro Electronics Manufacturer

Operate and monitor the machinery for producing products containing micro-electronics.

Perform tests, record defective products, and gather other results.

Requirements:

- Apprenticeship: **3696 HOURS** of on-the-job training plus 304 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for high technology firms, electronics manufacturing plants, electronic and electrical machinery wholesalers, and motor vehicle manufacturers.

Related Jobs:

- Precision instrument assembler - electronic equipment manufacturing
- Circuit board assembler
- Component inserting machine operator
- Capacitor assembler

\$19/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Millwright:

Construction/Industrial Mechanic



Construction: Receive and install machinery and mechanical equipment including automated or robotic systems.

Industrial: Install and maintain ducts, including water, air, and exhaust, to machinery like pumps, robotics, and turbines.

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **8000 HOURS.**
- **Industrial:** Have completed Grade 12 or equivalent.
- **Construction:** Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- **Industrial:** Work for steel producers, mining companies, and vehicle or equipment manufacturers.
- **Construction:** and mechanical construction companies.

Related Jobs:

- Plant equipment mechanic
- Industrial sewing machine mechanic
- Open-end technician
- Textile machine mechanic
- Maintenance millwright



\$31.49/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Motive Power Machinist

Operate machines such as lathes, drills, shapers, grinders, and mills for precision metal cutting and grinding.

Install, adjust, repair, or replace vehicle parts.

Requirements:

- Apprenticeship: **5340 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for manufacturing companies making: machinery, equipment, motor vehicles and motor vehicle parts, or aircraft.

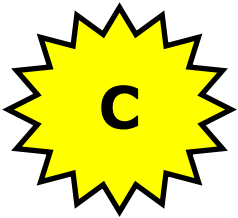
Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Motorcycle Technician



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

May use diagnostic equipment and work with electrical components.

Requirements:

- Apprenticeship: **5520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for motorcycle repair shops and dealerships or be self-employed.

Related Jobs:

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

\$32/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC





Mould: Maker/Designer/Die Finisher

<p>Maker: Design, create, and repair moulds using machines or by hand.</p>	<p>Designer: Plan, design, draw and build the mould.</p>	<p>Die Finisher: use power and hand tools to shape, smooth, polish, and finish moulds or metal working dies.</p>
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Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Maker: 8000 HOURS, Designer: 4000 HOURS,** and **Die Finisher: 4000 HOURS.**
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available (**Maker** only).
- **Designer:** Requires **Mould Maker** Certificate of Qualification.

Career Opportunities:

- **Maker/Designer:** Work for brass, steel, malleable iron, and grey iron foundries.
- **Finisher:** Work for tool and die shops or companies manufacturing vehicles, machinery, equipment, hardware, parts, or aircraft.

Related Jobs:

<p>Maker/Finisher:</p> <ul style="list-style-type: none"> → Tool and Die Maker → Jig maker → Metal pattern maker 	<p>Designer:</p> <ul style="list-style-type: none"> → Machine designer → Heating designer → Tool designer
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\$27.39-
\$35/HR

Median Wage
Ontario

Source Labour Market Information – ESDC



Native Clothing & Crafts Artisan

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

Requirements:

- Apprenticeship: **3520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for museums, specialty shops, or cultural centres.

Related Jobs:

- Potter
- Carver
- Totem pole carver
- Glass blower
- Craftsperson
- Weaver - arts and crafts



\$18/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Native Residential Construction Worker

Build First Nations houses including working on electrical, carpentry, and plumbing.

Requirements:

- Apprenticeship: **3520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for construction companies, contractors, and residential developers.

Related Jobs:

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

\$20/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.

Requirements:

- Apprenticeship: **4000 HOURS** of on-the-job training plus 576 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for electric power utilities, telecommunications services, construction firms, electrical product companies, or radio and cable communications companies.

Related Jobs:

- Telecommunications lineperson
- Splicer technician - telephone
- Telecommunications line installer
- Telephone line technician
- Telecommunications cable repairer



\$32/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Optics Technician (Lens & Prism Maker)

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

Requirements:

- Apprenticeship: **8000 HOURS** of on-the-job training plus 100 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for camera manufacturers, optical retail stores, industrial manufacturers, laboratories, or in the aerospace industry.

Related Jobs:

- Ophthalmic lens grinder
- Optometrist assistant
- Ophthalmic laboratory technician – retail
- Optical laboratory assistant
- Audiometric technician

\$20.73/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Packaging Machine Mechanic

Set up, trouble shoot, maintain, and repair packaging systems equipment.

Read and follow diagrams for proper installation.

Requirements:

- Apprenticeship: **7840 HOURS** of on-the-job training plus 160 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for utilities, manufacturing plants, and other industrial companies.

Related Jobs:

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

\$31.49/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Painter & Decorator: Industrial/ Commercial & Residential



Commercial & Residential:

Apply finishes including wall coverings and paint to surfaces in institutional, commercial, or residential buildings. Assemble scaffolds or other equipment.

Industrial:

work on industrial, institutional, or commercial buildings. Prepare surfaces before painting. Use scaffolds or other equipment for hard to reach places.

Requirements:

- Apprenticeship: **5280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for painting contractors, building maintenance contractors, construction companies, or be self-employed.

Related Jobs:

- Paperhanger
- Maintenance painter
- Construction painter

\$21/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Parts Technician



Order, store, inventory, and sell parts relating to the motive power industry, natural resources, appliances, or heavy duty equipment.

Requirements:

- Apprenticeship: **5460 HOURS** of on-the-job training plus 540 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for vehicle dealerships, repair shops that fix small engines or motor vehicles including trucks and heavy duty equipment, or be self-employed.

Related Jobs:

- Parts clerk
- Medical supply clerk
- Automotive partsperson - retail
- Tool room attendant
- Motor vehicle parts clerk

\$23/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

NC

Pattern Maker

Produce patterns and core boxes from wood, polystyrene, metal, or plastic.

Use equipment such as saws, drills, mills, lathes, grinders, and electrical discharge machines to cut metal and wood.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work in manufacturing industries producing machines, automobiles, aircraft, parts, or building ships.

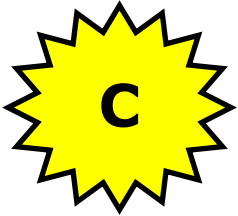
Related Jobs:

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

\$27.39 / HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Plumber



Install, alter, and fix plumbing systems in buildings (both commercial and residential).

Understand installation diagrams for appliance piping and install the piping accordingly.

Requirements:

- Apprenticeship: **8280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for plumbing contractors, maintenance department of plants, factories, and similar buildings, or be self-employed.

Related Jobs:

- Plumbing mechanic
- Maintenance plumber

\$30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Powered Lift Truck Technician

Inspect and fix powered lift truck lifting systems, drive axles, wheels, suspension, transmissions, braking, frames, hydraulics, internal combustion engines, steering, and electrical.

Requirements:

- Apprenticeship: **6280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for service shops, material handling companies, lift truck rental companies, dealerships, or be self-employed.

Related Jobs:

- Outboard motor mechanic
- Forklift mechanic
- Recreation vehicle technician
- Industrial truck repairer

\$32/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Powerline Technician



Install, inspect, service, and fix electrical power lines (underground and overhead) according to safety guidelines.

Requirements:

- Apprenticeship: **7617 HOURS** of on-the-job training and 320 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for electric power generation, public utility commissions, transmission and distribution companies, or electrical contractors.

Related Jobs:

- Construction lineperson - electrical power line
- Cable installer - electrical power
- Power line patroller
- Cable splicer-electrical power

\$43.75/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC




NC

Precast Concrete Erector/ Finisher

Erectors: Guide hoisting engineers and crane operators to align concrete panels/slabs. Load/unload concrete pieces and align/bolt paneling.

Finishers: Use hand and power tools to repair, clean, finish, grout, and chalk precast concrete surfaces.

Requirements:

- Apprenticeship: **5400 HOURS** of on-the-job training and 600 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).

Career Opportunities:

- **Erector:** Work for construction contractors involved in ironwork.
- **Finisher:** Work for concrete and cement contractors, manufacturers of precast concrete products, construction companies, or be self-employed


Related Jobs:

Erector:

- Structural steel erector
- Ironworker
- Reinforcing ironworker

Finisher:

- Concrete mason
- Cement mason
- Concrete finisher



**\$25-\$42/
HR**

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Process Operator: Food Manufacturing

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

Requirements:

- Apprenticeship: **4480 HOURS** of on-the-job training plus 300 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for dairies, fruit and vegetable processing plants, bakeries, sugar refineries, meat plants, flour mills, or breweries.

Related Jobs:

- Control room operator - food and beverage processing
- Pasteurizer operator - food and beverage processing
- Dry foods mixer operator
- Fermenter operator
- Canning machine operator

\$19/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Process Operator: Power

Use, monitor, and adjust processing systems and equipment. Maintain log books, temperature/pressure levels, work orders, and have knowledge of proper hazardous material disposal practices.

Requirements:

- Apprenticeship: **6480 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for hospitals, universities, power generation plants, electrical power utilities, governments, and manufacturing plants.

Related Jobs:

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

\$42/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Process Operator: Refinery, Chemical & Liquid Processes

Use, monitor, and adjust processing systems and equipment. Prepare operations reports and participate in safety programs.

Requirements:

- Apprenticeship: **6480 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for petroleum/natural gas processing and pipeline, pharmaceutical, petrochemical, or specialty chemical companies.

Related Jobs:

- Chemical process operator
- Pharmaceutical processing operator
- Acid plant operator
- Process technician - chemical processing
- Gas plant operator

\$35/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC

NC

Process Operator: Wood Products

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

Requirements:

- Complete a total of **6000 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for companies in the pulp and paper industry.

Related Jobs:

- Pulping control operator
- Bleach plant operator – pulp and paper
- Paper machine control operator
- Panelboard operator – pulp and paper

\$28.06/HR**Median Wage
Ontario**

Source Labour Market Information – ESDC

NC

Railway Car Technician

Inspect, repair, and replace components (mechanical and structural) of passenger and freight railway cars.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for urban transit systems and railway transport companies.

Related Jobs:

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

\$34.29/HR**Median Wage
Ontario**

Source Labour Market Information – ESDC



Recreation Vehicle Technician



Service and fix recreation vehicles such as trailers, motor homes and campers.

Service and fix gas, electrical, plumbing, heating, and trailer braking systems, as well as windows, piping, doors, and exterior panels.

Requirements:

- Apprenticeship: **6280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work at RV repair shops, manufacturers, or dealerships.

Related Jobs:

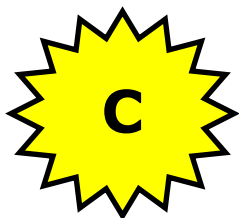
- Motor boat mechanic
- All-terrain vehicle repairer
- Snowmobile repairer
- Lift truck mechanic
- Motor scooter repairer

\$24.50/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC





Refrigeration & Air Conditioning Systems Mechanic



Install, maintain, and fix air conditioning systems.

Cut pipes, use welding and brazing equipment to connect pipes, lubricate components, and check calibrations.

Requirements:

- Apprenticeship: **8280 HOURS** of on-the-job training and 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for air conditioning, refrigeration, and heating installation contractors, engineering firms, food wholesalers, or retail and servicing companies.

Related Jobs:

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

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Reinforcing Rodworker



Reinforce concrete with reinforcing steel, post-tensioning systems, welded wire mesh, and composite materials.

Requirements:

- Apprenticeship: **3640 HOURS** of on-the-job training and 360 hours in-class.
- Have completed Grade 10 or equivalent (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for masonry contractors, residential and industrial developers, or construction companies.

Related Jobs:

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

\$42/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Relay & Instrumentation Technician

Inspect, and adjust transit system Vital Signal Control Relays (VSCR).

Be knowledgeable about CNC programming and understand various types of numerically controlled machines.

Requirements:

- Apprenticeship: **7680 HOURS** of on-the-job training plus 320 hours in-class.
- Completed Grade 12 or equivalent.

Career Opportunities:

- Work for public transit and locomotive companies.

Related Jobs:

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

\$34/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Residential Air Conditioning Systems Mechanic

Maintain and fix air conditioning systems in residential buildings.

Install and attach piping to transport refrigerants for heating and cooling systems.

Requirements:

- Apprenticeship: **4020 HOURS** of on-the-job training and 480 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for residential air conditioning, refrigeration, and heating installation contractors, engineering firms, food wholesalers, and retail establishments.

Related Jobs:

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

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Restoration Mason

Reset copings, prepare mortars, cut out and fill joints, and grout or drill fractured stones.

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

Requirements:

- Apprenticeship: **6000 HOURS** of on-the-job training and 660 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).

Career Opportunities:

- Work for bricklaying contractors, construction companies, or be self-employed.

Related Jobs:

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

\$30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Retail Meat Cutter

Prepare poultry, meat, and fish for sale.

Cut meat into retail cuts and employ good sanitation practices as well as following relevant health requirements.

Requirements:

- Apprenticeship: **3460 HOURS** of on-the-job training plus 540 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work at stores or be self-employed.

Related Jobs:

- Meat cutter – retail and wholesale
- Fish cutter - retail and wholesale
- Supermarket meat cutter
- Fishmonger

\$17.30/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Roofer



Install and fix roofing systems.

Install slate, shakes, roofing tiles, and shingles on roofs.

Requirements:

- Apprenticeship: **3520 HOURS** of on-the-job training and 480 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for contractors (general and roofing), or be self-employed.

Related Jobs:

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

\$25/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



NC

Saddlery

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

Work on riding boots and other gear for equestrian activities.

Requirements:

- Apprenticeship: **5440 HOURS** of on-the-job training plus 560 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for saddler companies, harness-making companies, horse barns, and racetracks.

Related Jobs:

- Shoe cutter
- Leather cutter
- Fur cutter
- Sample cutter
- Dyeing and finishing machine loader

\$17.49/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Saw Filer/Fitter

Set, sharpen, and repair blades from various types of saws including handsaws, bandsaws, circular saws, and chainsaws.

Requirements:

- Apprenticeship: **8000 HOURS** of on-the-job training and 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for pulp or saw mills.

Related Jobs:

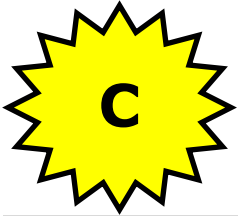
- Safe maker
- Die setter
- Toolsmith
- Blacksmith
- Locksmith



\$24.50/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Sheet Metal Worker / Residential (Low Rise) Installer



Cut and shape sheet metal to make partition frames, ventilation shafts, eaves troughs, ducting, sheet metal buildings, and roof decking.

Residential Installer: work specifically in ventilation systems and air handling for buildings which are a maximum of four stories.

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Worker: 9000 HOURS Residential Installer: 4500 HOURS.**
- Have completed Grade 10 (Grade 12 or equivalent is often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for sheet metal fabrication shops, sheet metal work contractors, and sheet metal product manufacturing companies.

Related Jobs:

- Sheet metal mechanic
- Tinsmith
- Sheet metal fabricator

\$32/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Small Engine Technician

Test, service, and fix small engines (both gasoline and diesel-powered) from lawnmowers, chainsaws, garden tractors, and more.

Interpret manufacturers' manuals and estimate repair costs.

Requirements:

- Apprenticeship: **4520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for dealer, independent service shops, or be self-employed.

Related Jobs:

- Small equipment repairer
- Gasoline-powered lawn mower repairer
- Air-cooled engine mechanic
- Lawn and garden equipment technician

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Special Events Coordinator

Plan, organize events including meetings, conferences, conventions, seminars, exhibitions, trade shows, or festivals.

Strong communication and organization skills are necessary.

Requirements:

- Apprenticeship: **5000 HOURS** of on-the-job training plus 375 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for tourism, entertainment facilities, educational institutions, hotels or resorts, conference centres, event planning companies, governments, or be self-employed.

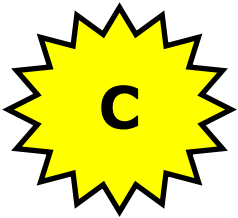
Related Jobs:

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

\$25.27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Sprinkler & Fire Protection Installer



Install, test, and service fire protection systems, both specialty and water-based fire suppression systems.

Requirements:

- Apprenticeship: **6480 HOURS** of on-the-job training and 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for factories or plants (maintenance departments), sprinkler system contractors, or be self-employed.

Related Jobs:

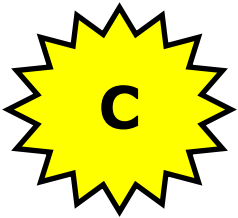
- Sprinkler system fitter
- Fire sprinkler fitter
- Fire protection mechanic
- Pipefitter
- Steamfitter

\$41.86/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC





Steamfitter



Build, install, and service pipes in cooling, heating, lubricating or process piping systems which carry gases (including steam), fluids (including water), chemicals, and fuel.

Requirements:

- Apprenticeship: **8280 HOURS** of on-the-job training and 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Complete the Certificate of Qualification exam.

Career Opportunities:

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

Related Jobs:

- Sprinkler system fitter/installer
- Fire sprinkler fitter
- Fire protection mechanic
- Pipefitter
- Marine pipefitter



\$41.86/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Surface Blaster

Detonate explosives to dislodge rock, ore, or coal.

Plan blast patterns, handle misfires, dispose of explosives, supervise blasting helpers, and secure the blast area.

Requirements:

- Apprenticeship: **2240 HOURS** of on-the-job training plus 360 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for quarrying, mining, and construction companies or blasting and drilling contractors.

Related Jobs:

- Open-pit blaster
- Construction blaster
- Rotary drilling machine operator
- Driller - surface mine

\$30/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



Surface Mount Assembler

Solder, bond and put together electronic components including diodes, transistors, integrated circuits, wires, capacitors.

Requirements:

- Apprenticeship: **5000 HOURS** of on-the-job training plus 323 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work mainly for plants manufacturing electronics.

Related Jobs:

- Circuit board assembler
- Printed circuit board (PCB) assembly inspector
- Capacitor assembler
- Precision instrument assembler - electronic equipment manufacturing

\$19/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC



Terrazzo, Tile, & Marble Setter



Cover surfaces including walls and floors with terrazzo, marble, and tile. Mix adhesives and apply them to surfaces before laying tiles.

Requirements:

- Apprenticeship: **4780 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 10 (Grade 12 or equivalent often required).
- Certificate of Qualification exam available.

Career Opportunities:

- Work for masonry contractors, construction companies, or be self-employed.

Related Jobs:

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

\$30/HR

**Median Wage
Ontario**

Source Labour Market Information - ESDC



NC

Tool & Cutter Grinder

Sharpen and shape precision cutting tools using pedestal, cylindrical, surface, and tool or cutter grinders.

Read work orders and blueprints, verify dimensions with precise measurements, and maintain equipment.

Requirements:

- Apprenticeship: **3760 HOURS** of on-the-job training plus 240 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work in machine shops or for manufacturing companies, including those making metal product.

Related Jobs:

- Milling machine set-up operator
- Lathe machining operator
- Boring mill operator – metal machining
- Machining tool operator

\$23.98/HR**Median Wage
Ontario**

Source Labour Market Information – ESDC



Tool & Die Maker / Tool/Tooling Maker

Tool & Die: use mills, drills, grinders, saws, and lathes to produce precision tools and dies.

Tool/Tool Maker: design and build fixtures, specialized equipment, jigs, instruments, models, and prototypes.

Requirements:

- Apprenticeship: **7280 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.

Career Opportunities:

- Work for manufacturing industries such as metal fabrication, automobile, plastics, electrical machinery and aircraft, as well as in machine, mould making, and tool and die shops.

Related Jobs:

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

\$27.39/HR

**Median Wage
Ontario**

Source Labour Market Information – ESDC



Tool & Gauge Inspector

Check dimensions and maintain precision equipment for measuring and testing to ensure quality control standards in machine parts and tooling are maintained.

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

Requirements:

- Apprenticeship: **3830 HOURS** of on-the-job training plus 170 hours in-class.
- Have completed Grade 12 or equivalent.
- Certificate of Qualification as a ***Tool and Die Maker*** is needed.

Career Opportunities:

- Work at machine shops or manufacturing companies producing motor vehicles, automotive parts, machinery, aircraft, equipment, and other metal products.

Related Jobs:

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

\$27/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC



Tractor Trailer Commercial Driver

Transport goods and materials locally or over long distances.

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

Requirements:

- Apprenticeship: **3000 HOURS** of on-the-job training for this apprenticeship.
- Have completed Grade 10 (Grade 12 or equivalent is recommended).

Career Opportunities:

- Work for trucking employment service agencies, transportation, distribution, manufacturing, and moving companies, or be self-employed.

Related Jobs:

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

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC

C

Transmission Technician

Diagnose and fix issues with electrical, electronic, manual, and automatic controls for buses, cars, and trucks.

Use computerized diagnostic equipment to test systems and components in cars and tell customers what repairs will be necessary in the future.

Requirements:

- Apprenticeship: **6000 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work for auto dealers, truck and trailer dealerships, fleet maintenance companies, garages, or service stations.

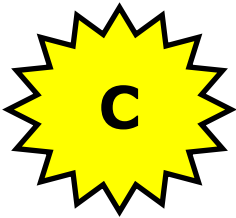
Related Jobs:

- Automotive service technician
- Truck and transport mechanic
- Bus mechanic
- Motor repairer - motor vehicle manufacturing
- Truck-trailer repairer

\$28/HR

Median Wage
Kingston/Pembroke Region

Source Labour Market Information - ESDC



Truck & Coach Technician



Overhaul, repair, and rebuild transmissions, brakes, clutches, engines, differentials, drive shafts, rear ends, and axles.

Inspect and service commercial trucks, road transport vehicles, buses, and emergency vehicles.

Requirements:

- Apprenticeship: **6000 HOURS** of on-the-job training plus 720 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

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

Related Jobs:

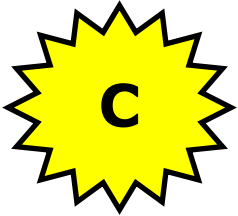
- Truck and transport mechanic
- Bus mechanic
- Tune-up specialist - motor vehicle
- Apprentice motor vehicle mechanic
- Transmission mechanic

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC





Truck Trailer Service Technician



Inspect, assemble, and maintain transport trailers including those moved by flat decks, tankers, refrigerated vans, steering dollies, dry freight vans, dump trailers, and more.

Requirements:

- Apprenticeship: **4000 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.
- Complete the Certificate of Qualification exam.

Career Opportunities:

- Work at transportation, trucking, and bus companies, sales and repair facilities, or trailer manufacturers.

Related Jobs:

- Truck and transport mechanic
- Bus mechanic
- Tune-up specialist - motor vehicle
- Apprentice motor vehicle mechanic
- Transmission mechanic

\$28/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information - ESDC





Turf Equipment Technician

Diagnose and service many parts of lawn mowers, golf carts, and other small powered equipment.

Repair brake lines and diesel engines along with sharpening mower blades.

Requirements:

- Apprenticeship: **5000 HOURS** of on-the-job training plus 756 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for golf courses, sod farms, government park services, repair shops, landscaping and lawn care companies, or equipment rental firms.

Related Jobs:

- Lawn and garden equipment technician
- Small engine technician
- Air-cooled engine mechanic
- Small equipment repairer

\$24/HR

**Median Wage
Kingston/Pembroke Region**

Source Labour Market Information – ESDC

NC

Water Well Driller

Drill and service water wells, locate water sources, maintain drilling equipment, disinfect completed wells, and service pumps.

Requirements:

- Apprenticeship: **4520 HOURS** of on-the-job training plus 480 hours in-class.
- Have completed Grade 12 or equivalent.

Career Opportunities:

- Work for governments, contractors drilling water wells, or be self-employed.

Related Jobs:

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

\$25/HR**Median Wage
Ontario**

Source Labour Market Information – ESDC



Welder / Pressure Systems Welder

Welder: Manufacture or repair metal parts by combining two pieces of metal using metal filler.

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

Requirements:

- Apprenticeship: On-the-job and in-class training for a combined total of **Welder: 6000 HOURS** and **Pressure Systems: 5760 HOURS.**
- Have completed Grade 12 or equivalent.
- Certificate of Qualification exam available.
- **Pressure Systems:** Requires **Welder** Certificate of Qualification.

Career Opportunities:

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

Related Jobs:

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



\$24/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](#)