

HIGH SCHOOL TO APPRENTICESHIP 2024-25



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Saskatchewan
Apprenticeship and
Trade Certification
Commission

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INTRODUCTION

WHO IS THIS DOCUMENT FOR?

This document is for students, high school administrators, guidance counselors and Practical and Applied Arts teachers.

WHAT IS THIS DOCUMENT ABOUT?

Highly skilled workers are in demand. Employers need workers with up-to-date technical skills to help them compete and profit in a global market. Apprenticeship training is an opportunity for workers to learn the skills employers need.

The apprenticeship program has a long history of recognizing high school courses for advanced standing towards apprenticeship training.

The information provided in this document will help teachers prepare young people for careers in the designated trades. It will help them gain an understanding of the:

- apprenticeship and trade certification program;
- role of the Saskatchewan Apprenticeship and Trade Certification Commission (SATCC);
- programs that link high school education and apprenticeship training, and;
- designated trades in Saskatchewan.

SASKATCHEWAN APPRENTICESHIP AND TRADE CERTIFICATION COMMISSION

WHAT DOES THE SATCC DO?

The Saskatchewan Apprenticeship and Trade Certification Commission (SATCC) oversees and administers the apprenticeship and trade certification system in Saskatchewan.

In this role, the SATCC fulfills four primary functions.

The SATCC:

- trains apprentices;
- certifies tradespeople and apprentices;
- regulates the apprenticeship system of training; and
- promotes apprenticeship as a way for employers to meet their labour market requirements.

The SATCC is an industry-led, arms-length government organization dedicated to training apprentices and certifying tradespeople.



Apprenticeship is a work-based training system with either provincial or national certification.

SASKATCHEWAN YOUTH APPRENTICESHIP

SASKATCHEWAN YOUTH APPRENTICESHIP

The Saskatchewan Youth Apprenticeship (SYA) program teaches students about apprenticeship and careers in the skilled trades. SYA consists of twelve challenges that students complete during high school to prepare them for their apprenticeship following graduation.

Visit our website for more information:

<https://saskapprenticeship.ca/what-is-sya/>

SYA INDUSTRY SCHOLARSHIP

Saskatchewan Youth Apprenticeship (SYA) Industry Scholarships are valued at \$1,000 and awarded to selected, eligible high school graduates throughout the province who have completed the SYA program and will be pursuing a career in the skilled trades.

Visit our website for more information:

<https://saskapprenticeship.ca/wp-content/uploads/2022/03/SYA-Challenges-Booklet.pdf>

BOOK A PRESENTATION

To invite an SATCC staff member to your school for an SYA presentation, contact the SYA Administrative Coordinator or one of the other SYA staff members.

SYA Administrative Coordinator

Phone: 306-787-2368

Email: youthapprenticeship@gov.sk.ca

SYA Manager

Phone: 306-227-7801

SYA Consultants

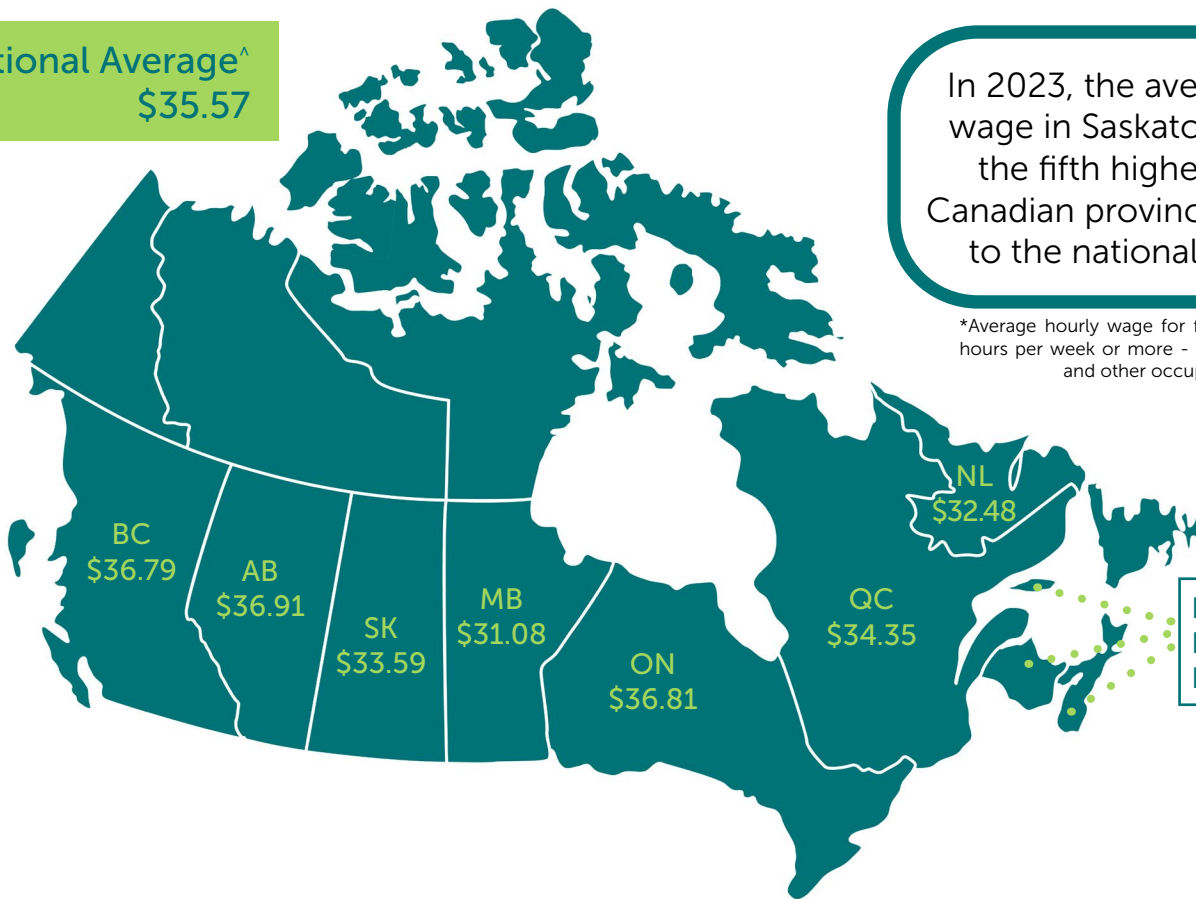
Phone: (Saskatoon) 639-471-8651

Phone: (Regina) 306-527-1730



WAGE OUTLOOK

National Average[^]
\$35.57



In 2023, the average hourly wage in Saskatchewan was the fifth highest among Canadian provinces and close to the national average*.

*Average hourly wage for full-time work - 30 hours per week or more - for all trade-related and other occupations.

By 2033, employment in the provincial residential construction sector is expected to grow by 18% above 2023 levels.

BuildForce 2024

A rise in overall employment will require the labour force to grow by 4,000 workers between 2024-2033.

BuildForce 2024



Over the next decade, the demand for skilled workers is trending upwards

[^]Source: *Statistics Canada*. Table 14-10-0417-01 Employee wages by occupation, annual Employee wages by occupation, annual, 1997 to 2023

WAGES BY OCCUPATION

Note: The wages presented corresponded to employees that could be journeypersons, apprentices or tradespersons. The wage data provided reflects figures from the year 2023.

Trade	Low wage	Median wage	High wage
Agricultural Equipment Technician	\$22.45	\$35.00	\$52.00
Aircraft Maintenance Engineer Technician	\$14.00	\$35.00	\$41.03
Auto Body and Collision Technician	\$16.00	\$22.00	\$36.00
Automotive Refinishing Technician	\$16.00	\$22.00	\$36.00
Automotive Service Technician	\$18.00	\$30.00	\$42.31
Boilermaker	\$34.91	\$45.26	\$48.42
Bricklayer	\$25.00	\$36.07	\$42.44
Cabinetmaker	\$14.00	\$22.92	\$29.07
Carpenter	\$18.00	\$27.00	\$37.50
Construction Craft Labourer	\$15.00	\$22.00	\$30.00
Construction Electrician	\$18.00	\$32.00	\$44.00
Cook	\$14.00	\$15.00	\$22.50
Electronics Assembler	\$16.00	\$19.00	\$44.00
Esthetician-Nail Technician	\$14.00	\$15.00	\$24.23
Esthetician-Skin Care Technician	\$14.00	\$13.00	\$24.23
Food and Beverage Person	\$14.00	\$14.00	\$21.38
Glazier	\$18.00	\$25.00	\$34.00
Guest Services Representative	\$14.00	\$14.50	\$19.00
Hairstylist	\$14.00	\$20.00	\$31.19
Heavy Duty Equipment Technician	\$22.45	\$35.00	\$52.00
Industrial Mechanic (Millwright)	\$20.00	\$40.00	\$55.00
Instrumentation and Control Technician	\$41.75	\$50.48	\$61.54
Insulator (Heat and Frost)	\$22.33	\$37.03	\$42.00
Ironworker (Reinforcing)	\$26.00	\$40.70	\$48.46
Ironworker (Structural/Ornamental)	\$26.00	\$40.70	\$48.46
Landscape Horticulturalist	\$14.00	\$24.28	\$36.19

cont'd...

WAGES BY OCCUPATION

Note: The wages presented corresponded to employees that could be journeypersons, apprentices or tradespersons. The wage data provided reflects figures from the year 2023.

Trade	Low wage	Median wage	High wage
Lather (Interior Systems Mechanic)	\$18.00	\$26.00	\$32.00
Locksmith*	-	-	-
Machinist	\$20.00	\$30.00	\$40.00
Meat Cutter	\$15.75	\$19.00	\$20.00
Metal Fabricator (Fitter)	\$18.50	\$26.59	\$35.50
Mobile Crane Operator	\$31.21	\$42.00	\$51.72
Painter and Decorator	\$15.00	\$21.00	\$28.00
Parts Technician	\$18.00	\$26.00	\$38.34
Plumber	\$17.00	\$32.00	\$40.00
Powerline Technician	\$20.00	\$43.00	\$54.00
Recreation Vehicle Service Technician*	-	\$27.20	-
Refrigeration and Air Conditioning Mechanic	\$21.91	\$36.92	\$44.00
Roofer	\$18.00	\$24.50	\$32.00
Sheet Metal Worker	\$14.00	\$32.14	\$45.85
Sprinkler Fitter	\$34.00	\$42.80	\$48.41
Steamfitter/Pipefitter	\$34.00	\$42.80	\$48.41
Tilesetter*	-	-	-
Tower Crane Operator	\$31.21	\$42.00	\$51.72
Truck and Transport Mechanic	\$18.00	\$30.00	\$42.31
Welder	\$20.00	\$30.00	\$39.00

*Due to data limitations, the wage for this occupation cannot be published.

Data Sources:

- Labour Force Survey and Employment Insurance Survey Data 2021-22. Reviewed in November, 2023.
- Open Government Portal Canada, 2023

TECHNICAL TRAINING

SKILLED TRADE	TRAINING		SKILLED TRADE	TRAINING	
	On-the-job YR HR	In-school WKS per YR/YRS		On-the-job YR HR	In-school WKS per YR/YRS
Agriculture, Tourism & Service Sector					
Cook (IP)	3 5,400	Hybrid - combination online and in class 8 wks/3 yrs	Hairstylist (IP)**	2 3,600	Approved training program by the SATCC
Esthetician - Nail Technician	2 3,600	Approved pre-employment programs or individual courses	Landscape Horticulturist (IP)	4 6,000	8 wks/4 yrs
Esthetician - Skin Care Technician	2 3,600	Approved pre-employment programs or individual courses	Locksmith	4 7,200	8 wks/3 yrs
Food and Beverage Person	2 3,600	Work site and online	Meat Cutter	3 5,400	Inactive
Guest Services Representative	2 3,600	Work site and online			
Motive Repair Sector					
Agricultural Equipment Technician (IP)	4 7,200	8 wks/4 yrs	Heavy Duty Equipment Technician (IP)	4 7,200	8 wks/4yrs
Aircraft Maintenance Engineer Technician	4 7,200	9 wks/4 yrs	Parts Technician (IP)	3 5,400	Online all levels 8 wks/2 yrs & 6 wks/1 yr
					<i>*Offered out of province (MB)</i>
Auto Body and Collision Technician (IP)	4 7,200	6 wks/2 yrs & 7 wks/2 yrs	Recreation Vehicle Service Technician (IP)	3 4,800	8 wks/3 yrs
<u>Subtrade:</u> - Automotive Refinishing Technician (IP)	2 3,600	6 wks/2 yrs			
Automotive Service Technician (IP)	4 7,200	8 wks/4 yrs	Truck and Transport Mechanic (IP)	4 7,200	8 wks/4 yrs
Production & Maintenance Sector					
Electronics Assembler	2 3,600	3 wks/2 yrs	Metal Fabricator (Fitter) (IP)	3 5,400	8 wks/3 yrs
Instrumentation and Control Technician (IP)	4 6,800	10 wks/4yrs	Welder (IP)	3 5,400	7 wks/2 yrs & 8 wks/1 yr
Machinist (IP)	4 7,200	8 wks/3 yrs & 6 wks/1 yr			

* A compulsory trade in which the individual must be either an apprentice or a journeyperson to work.

** A trade in which the individual must complete a pre-employment training program and obtain a license from the Saskatchewan Apprenticeship and Trade Certification Commission before beginning work.

(IP) indicates an interprovincial trade examination is either available or under development.

TECHNICAL TRAINING

SKILLED TRADE	TRAINING		SKILLED TRADE	TRAINING	
	On-the-job YR HR	In-school WKS per YR/YRS		On-the-job YR HR	In-school WKS per YR/YRS
Construction Sector					
Boilermaker (IP)	3	5,400	8 wks/3 yrs	Mobile Crane Operator (IP)	3 5,400 8 wks/2 yrs & 2 wks/1 yr
Bricklayer (IP)	4	6,000	8 wks/3 yrs		
Cabinetmaker (IP)	4	6,400	8 wks/4 yrs		
Carpenter (IP)	4	7,200	8 wks/2 yrs & 7 wks/2 yrs	Painter and Decorator (IP)	3 5,400 8 wks/3 yrs
				<i>*Offered out of province (MB)</i>	
				Plumber (IP)*	4 7,200 8 wks/2 yrs & 7 wks/2yrs
				Powerline Technician (IP)	4 7,200 Online & 12 days/1 yr. 10 days/1 yr, 12 days/1 yr & 10 days/1 yr
Construction Craft Labourer (IP)	2	2,400	4 wks/2 yrs	Refrigeration and Air Conditioning Mechanic (IP)*	4 7,200 8 wks/4 yrs
Construction Electrician (IP)*	4	7,200	8 wks/ 4 yrs	Roofer (IP)	3 4,500 Work site/ Distance 6 wks/1 yr
Glazier (IP)	4	7,200	6 wks/4 yrs	Sheet Metal Worker (IP)*	4 7,200 8 wks/4 yrs
Industrial Mechanic (Millwright) (IP)	4	7,200	8 wks/4 yrs	Sprinkler Fitter (IP)*	4 7,200 8 wks/3 yrs
Insulator (Heat and Frost) (IP)	4	7,200	6 wks/2 yrs & 8 wks/1 yr	Steamfitter/Pipefitter (IP)	4 7,200 8wks/2 yrs & 7 wks/2 yrs
Ironworker (Reinforcing) (IP)	2	3,600	7 wks/2 yrs		
Ironworker (Structural/Ornamental) (IP)	3	5,400	8 wks/2 yrs & 7 wks/1 yr	Tilesetter (IP)	4 7,200 4 wks/3 yrs
Lather (Interior Systems Mechanic) (IP)	4	6,000	8 wks/3 yrs	Tower Crane Operator (IP)	2 3,000 8 wks/2 yrs

* A compulsory trade in which the individual must be either an apprentice or a journeyman to work.

** A trade in which the individual must complete a pre-employment training program and obtain a license from the Saskatchewan Apprenticeship and Trade Certification Commission before beginning work.

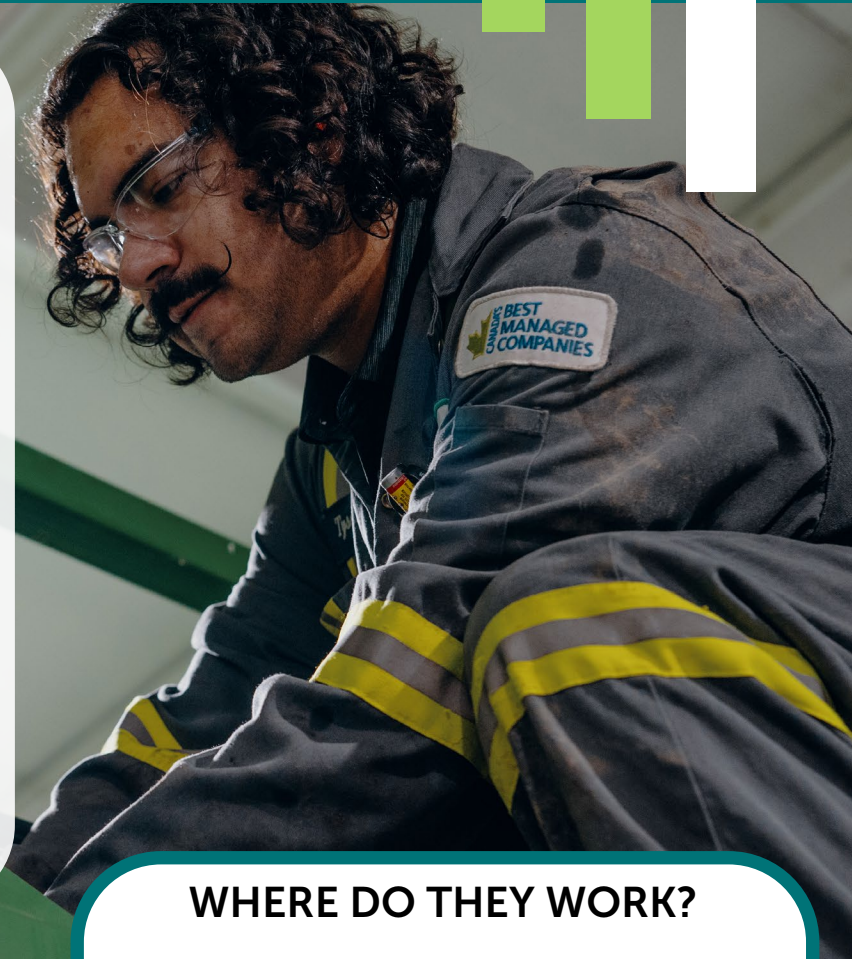
(IP) indicates an interprovincial trade examination is either available or under development.

AGRICULTURAL EQUIPMENT TECHNICIAN

Agricultural Equipment Technicians set up, diagnose, repair, modify, overhaul and maintain agricultural equipment.

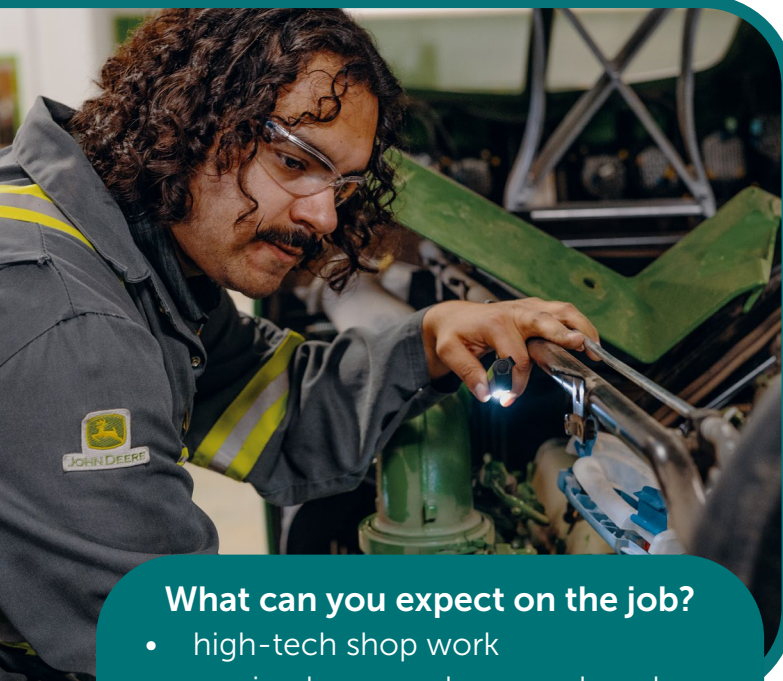
WHAT DO THEY DO ON THE JOB?

- work on precision agricultural equipment, such as GPS-guided systems, autonomous vehicles and automated application systems
- diagnose faults or malfunctions using computerized and other testing equipment to determine extent of repair required
- adjust equipment and repair or replace defective parts, components or systems, using hand and power tools
- service attachments and working tools, such as harvesting and tillage equipment, blades and plough



WHERE DO THEY WORK?

- companies that own and operate agricultural equipment
- agricultural equipment dealers
- rental and service establishments



What can you expect on the job?

- high-tech shop work
- varying hours and seasonal work
- good physical condition and math skills required



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$22.45 - \$52.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

AIRCRAFT MAINTENANCE ENGINEER TECHNICIAN

Aircraft Maintenance Engineer Technicians maintain and repair components of aircrafts, perform inspections and check systems.

WHAT DO THEY DO ON THE JOB?

- troubleshoot aircraft structural, mechanical or hydraulic systems to identify problems
- adjust and repair systems according to specifications, technical drawings, manuals and established procedures
- install or modify aircraft engines, and mechanical, hydraulic, flight control, fuel and pneumatic systems
- dismantle and reassemble airframes, aircraft engines or other aircraft systems for repair, overhaul and cleaning
- perform routine maintenance



WHERE DO THEY WORK?

- aircraft manufacturing, maintenance, repair and overhaul establishments
- airlines
- the armed forces



This trade may be performed indoors



Performed outdoors



What can you expect on the job?

- mechanical/technical aptitudes
- interest in electronics, good eyesight/hearing needed
- requires math skills

WAGES

\$14.00 - \$41.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

AUTO BODY AND COLLISION TECHNICIAN

Auto Body and Collision Technicians service, repair, replace and refinish motor vehicle bodies and frames.

WHAT DO THEY DO ON THE JOB?

- review damage reports and estimates of repair, cost and plan work to be performed
- repair and replace front end components, body components, doors and frame and under-body components
- hammer out dents, buckles and other defects using blocks and hammers
- file, grind and sand repaired body surfaces using hand and power tools
- apply primers and repaint surfaces using hand and power tools



WHERE DO THEY WORK?

- motor vehicle dealers
- auto body repair companies
- auto body appraisal centres



What can you expect on the job?

- high-tech, noisy indoor shop work
- standing and bending



This trade is Red Seal designated



Performed indoors

WAGES

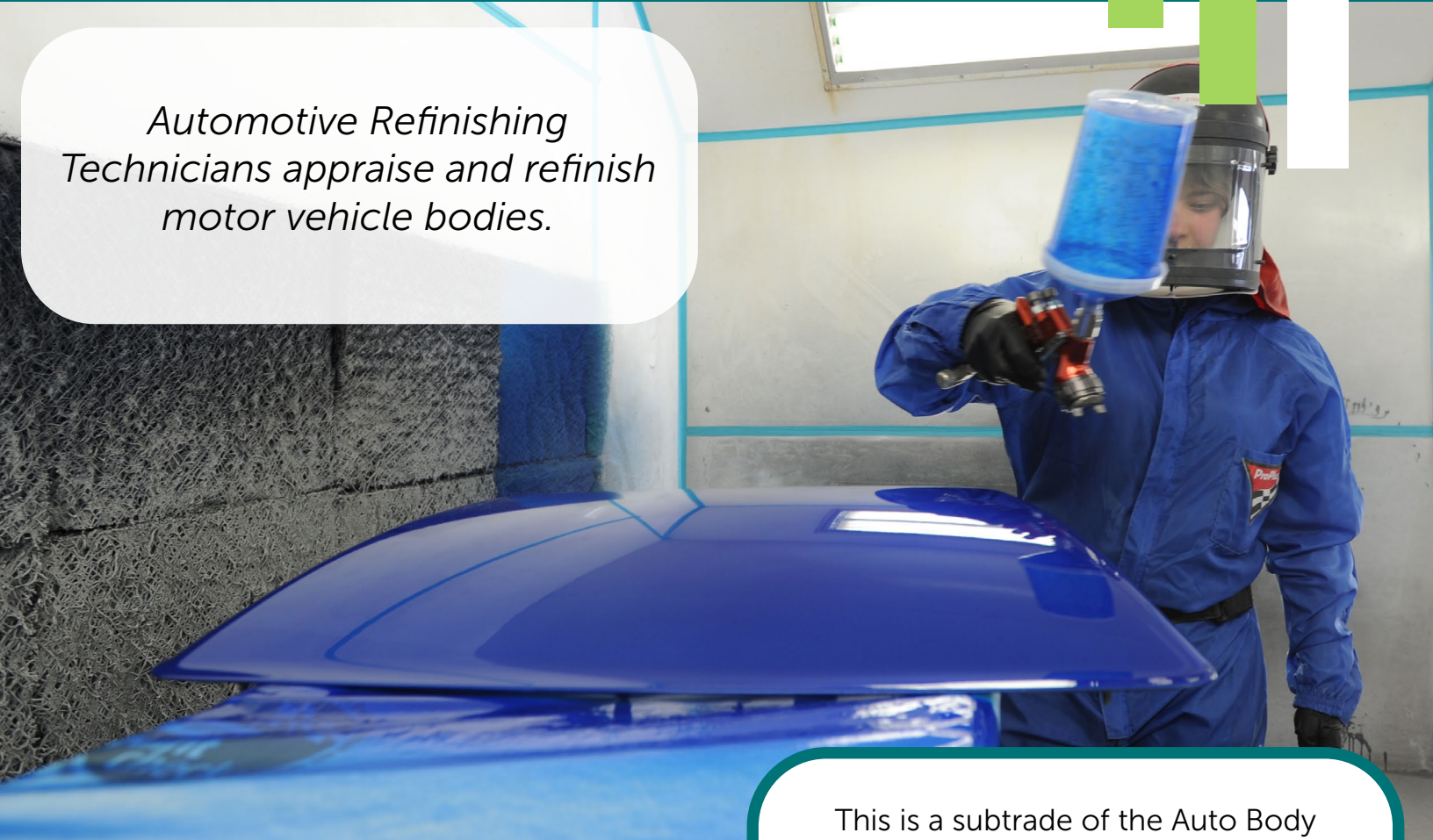
\$16.00 - \$36.00 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

AUTOMOTIVE REFINISHING TECHNICIAN (subtrade)

Automotive Refinishing Technicians appraise and refinish motor vehicle bodies.



This is a subtrade of the Auto Body and Collision Technician trade. Individuals working in this specific area may write an examination for a proficiency certificate.



What can you expect on the job?

- high-tech, noisy indoor shop work
- standing and bending



This trade is Red Seal designated



Performed indoors

WAGES

\$16.00 - \$36.00
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

AUTOMOTIVE SERVICE TECHNICIAN

Automotive Service Technicians service and repair automobiles, light trucks and buses, except for body repair and repainting.

WHAT DO THEY DO ON THE JOB?

- inspect engines and drivetrains in operation, road test motor vehicles, and test automotive systems and components using computerized diagnostic and other testing devices
- adjust, repair or replace parts and components of automotive systems using hand tools and other specialized automotive repair equipment
- advise customers on work performed, general vehicle conditions and future repair requirements



WHERE DO THEY WORK?

- motor vehicle dealers
- garages and service stations
- automotive specialty shops
- transportation companies



What can you expect on the job?

- high-tech, noisy indoor shop work
- standing and bending



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$18.00 - \$42.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

BOILERMAKER

Boilermakers fabricate and assemble components to construct dust, gas, and liquid-tight structures and equipment.

WHAT DO THEY DO ON THE JOB?

- boilermakers use hot and cold methods to shape steel components into boilers, tanks, and vessels.
- they work from engineer-approved drawings, select rigging, and use cranes to lift components, ensuring systems are tested for defects.
- boilermakers lay out and mark heavy metals using drawing instruments and operate heavy metalworking machines.
- they fit and weld metal parts, and erect and install boilers and other metal products using power tools.



WHERE DO THEY WORK?

- manufacturing industries
- construction industries
- mining industries
- power generation industries



What can you expect on the job?

- math skills and good physical condition needed
- work at heights and in tight spaces
- travel and variable hours required



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$34.91 - \$48.42 per hour

YEARS TO CERTIFICATION

3 years and 5,400 hours

BRICKLAYER

Bricklayers lay concrete block, brick, pre-cut stone and other materials in the construction or repairing of structures.

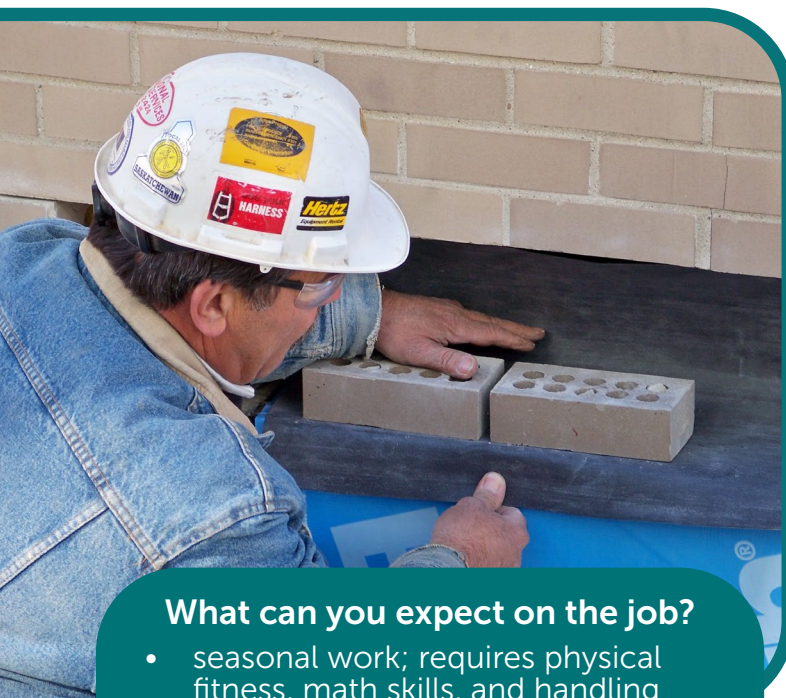
WHAT DO THEY DO ON THE JOB?

- cut and trim bricks and concrete blocks to specification using hand and power tools
- lay bricks or other masonry units to construct or repair walls, foundations and other structures in residential, industrial and commercial construction
- lay bricks or other masonry units to construct chimneys and fireplaces
- restore, clean or paint masonry units on existing masonry structures
- read blueprints to calculate materials required



WHERE DO THEY WORK?

- construction industry
- bricklaying contractors
- mining sector



What can you expect on the job?

- seasonal work; requires physical fitness, math skills, and handling extreme weather
- variable hours and possible travel



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$25.00-\$42.44 per hour

YEARS TO CERTIFICATION

3 years and 6,000 hours

CABINETMAKER

Cabinetmakers construct and install cabinets, furniture and architectural millwork, such as paneling and interior trims.

WHAT DO THEY DO ON THE JOB?

- fit and install custom wood products such as circular staircases, individual furniture pieces, bars, complete wall units, panelled boardrooms
- precisely measure, cut, shape, assemble and join wood, and other materials
- work with a variety of hand, power and stationary tools and equipment
- creatively envision and conceptualize products based on client requirements
- prepare layouts that conform to codes, drawings and specifications



WHERE DO THEY WORK?

- maintenance departments of factories and plants
- millwork companies
- furniture companies
- construction companies



What can you expect on the job?

- project-based work; requires good physical condition, and math skills
- may involve travel and seasonal hours



This trade is Red Seal designated



Performed indoors

WAGES

\$14.00-\$29.00 per hour

YEARS TO CERTIFICATION

4 years and 6,400 hours

CARPENTER

Carpenters construct, renovate and repair buildings and structures made of wood and other materials.

WHAT DO THEY DO ON THE JOB?

- read and interpret construction documents, drawings and sketches to determine specifications and calculate requirements
- calculate and lay out components to conform to building codes
- measure, cut, shape, assemble and join wood and other materials
- build foundations, install floor systems, lay sub-flooring and erect walls and roof systems
- install exterior windows and doors



WHERE DO THEY WORK?

- construction companies, including carpentry contractors
- maintenance departments of factories, plants, and the mining sector



What can you expect on the job?

- project-based work; requires physical fitness, math skills may require travel
- seasonal hours



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$18.00 - \$37.50 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

CONSTRUCTION CRAFT LABOURER

Construction Craft Labourers prepare and clean up construction sites, and move materials and equipment.

WHAT DO THEY DO ON THE JOB?

- prepare and clean up construction sites
- move materials and equipment
- perform demolition, excavation, and compaction activities
- install municipal water and sewer lines
- ensure site security
- set up and remove access equipment
- work on concrete and masonry, steel, wood and pre-cast erecting projects activities



WHERE DO THEY WORK?

- private construction companies and the mining sector
- municipal, provincial, and federal government projects
- hydro dams, roadways, bridges, railways, utility, landscape, and pipeline projects



This trade is Red Seal designated



Performed indoors



Performed outdoors

What can you expect on the job?

- travel may be required and hours of work may vary
- be in good physical condition
- seasonal work

WAGES

\$15.00 - \$30.00 per hour

YEARS TO CERTIFICATION

2 years and 2,400 hours

CONSTRUCTION ELECTRICIAN

Construction Electricians install, repair, test and maintain wiring, controls, motors and other electrical devices.

WHAT DO THEY DO ON THE JOB?

- read and interpret drawings, circuit diagrams and electrical code specifications to determine wiring layouts for new or existing installations
- test continuity of circuits using testing equipment to ensure compatibility and safety of systems following installation, replacement or repair
- troubleshoot and isolate faults in electrical and electronic systems and remove and replace faulty components



WHERE DO THEY WORK?

- electrical contractors
- maintenance departments



What can you expect on the job?

- project-based work; needs mechanical aptitude, physical fitness
- requires math skills and communication skills



This trade is Red Seal designated



Performed indoors



Performed outdoors



This is a compulsory trade

WAGES

\$18.00 - \$44.00 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

COOK

Cooks prepare, season and make soups, meat, fish, poultry, vegetables and desserts. They make sauces, gravies and salads.

WHAT DO THEY DO ON THE JOB?

- prepare and cook complete meals or individual dishes
- prepare and cook special meals for patients as instructed by a dietician
- oversee personnel in preparation, cooking and food handling
- may plan menus, determine size of food proportions, estimate food requirements and costs, and monitor and order supplies
- perform some meat cutting, and prepare basic baked goods



WHERE DO THEY WORK?

- restaurants and hotels
- hospitals and other health care institutions
- other establishments where food is served



What can you expect on the job?

- shift work, long standing, and carrying weights
- strict safety adherence required



This trade is Red Seal designated



Performed indoors

WAGES

\$14.00 - \$22.50
per hour

YEARS TO CERTIFICATION

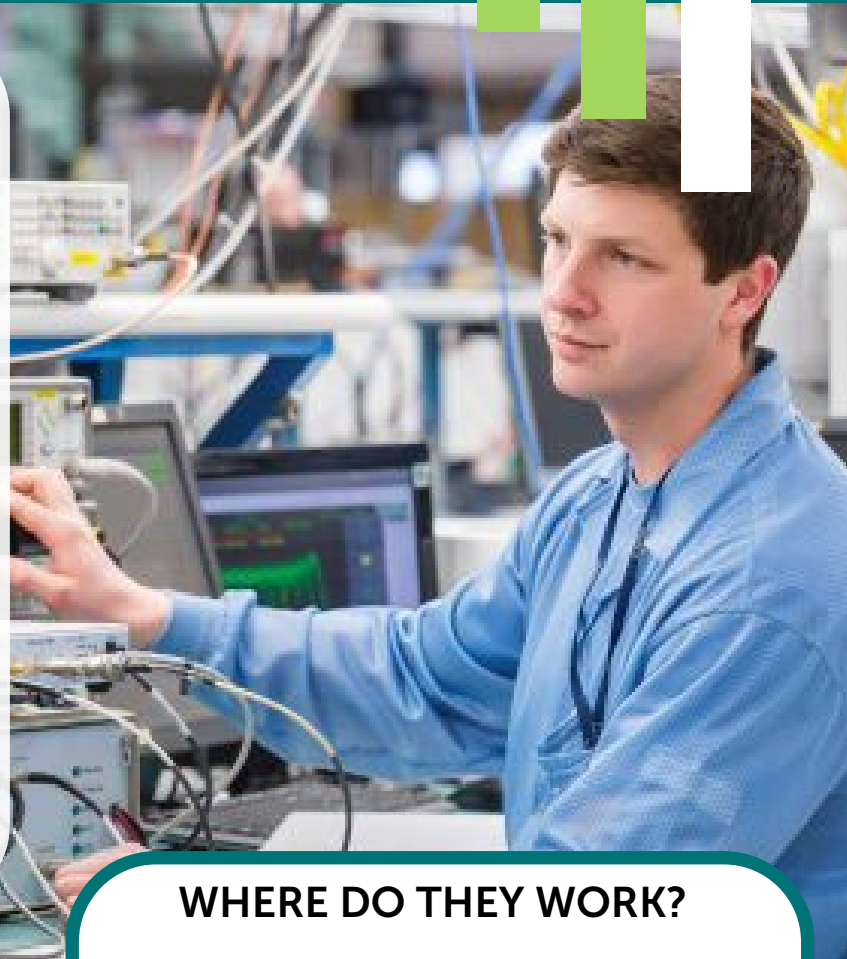
3 years and
5,400 hours

ELECTRONICS ASSEMBLER

Electronics Assemblers assemble, repair and test circuit boards and other electronic components.

WHAT DO THEY DO ON THE JOB?

- solder and manually assemble various components to designated locations on a printed circuit board
- install, align and adjust parts, components, wiring and harness to assemblies using hand and small power tools
- operate automatic and semi-automatic machines to position, solder and clean prescribed components on printed circuit boards
- may replace defective components and repair and overhaul older devices



WHERE DO THEY WORK?

- electronics manufacturing plants



What can you expect on the job?

- coordination and visual skills
- clean setting, extended standing/sitting



Performed indoors

WAGES

\$16.00 - \$44.00
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

ESTHETICIAN - NAIL TECHNICIAN

Nail Technicians perform manicures, pedicures, and cosmetic massage of the limbs.

WHAT DO THEY DO ON THE JOB?

- apply artificial nail applications or enhancements using various processes and decorative nail art
- maintain tools and sanitize and disinfect equipment
- perform manicures, pedicures and associated tasks
- assess hand, foot and nail health
- cosmetic massage of arms, legs, hands and feet



WHERE DO THEY WORK?

- salons
- spas
- theater, film and television industries



What can you expect on the job?

- hours vary; estheticians may work on commission, wage, or contract
- involves sitting, standing, and bending



Performed indoors

WAGES

\$14.00 - \$24.23
per hour

YEARS TO CERTIFICATION

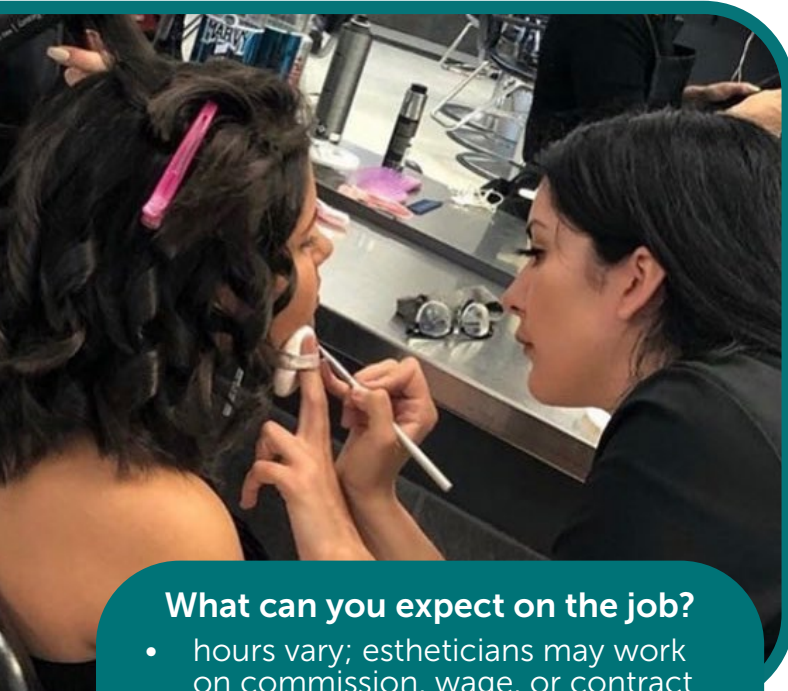
2 years and
3,600 hours

ESTHETICIAN - SKIN TECHNICIAN

Skin Care Technicians perform make-up artistry, lash enhancements, lash and brow tinting, and hair removal.

WHAT DO THEY DO ON THE JOB?

- cosmetic massage, specialized skin and body treatments, and spa treatments
- remove facial and body hair
- natural nail care including manicures, pedicures and associated tasks
- maintain tools and sanitize and disinfect equipment
- make-up artistry



What can you expect on the job?

- hours vary; estheticians may work on commission, wage, or contract
- involves sitting, standing, and bending

WHERE DO THEY WORK?

- salons
- spas
- theater, film and television industries



Performed indoors

WAGES

\$14.00 - \$24.23
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

FOOD AND BEVERAGE PERSON

Food and Beverage Persons serve food and beverage products and mix and prepare alcoholic and non-alcoholic beverages.

WHAT DO THEY DO ON THE JOB?

- take and relay food and drink orders to kitchen and bar staff
- make recommendations and answer questions regarding food and beverages
- serve food and beverages
- mix and prepare alcoholic and non-alcoholic beverages
- prepare and serve specialty food at patrons' tables



WHERE DO THEY WORK?

- restaurants and bars
- hotels
- private clubs and banquet halls



What can you expect on the job?

- requires organization, physical fitness, patience, and a positive attitude
- shift work may be needed



This trade may be performed indoors



Performed outdoors

WAGES

\$14.00 - \$21.38
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

GLAZIER

Glaziers cut and install glass in residential, commercial and industrial structures, and in furniture and motor vehicles.

WHAT DO THEY DO ON THE JOB?

- prepare, install and replace glass in residential, commercial and industrial buildings, on building exteriors and other structures
- prepare, install and replace glass in vehicles, furniture and other products
- fabricate metal frames for glass installation and assemble and install prefabricated glass, mirrors or glass products on walls, ceilings or building exteriors
- prepare cost estimates for customers



WHERE DO THEY WORK?

- construction glass installation contractors
- retail service and repair shops
- glass fabrication



This trade is Red Seal designated



Performed indoors



Performed outdoors

What can you expect on the job?

- requires physical fitness
- frequent use of tools and work at heights

WAGES

\$18.00 - \$34.00 per hour

YEARS TO CERTIFICATION

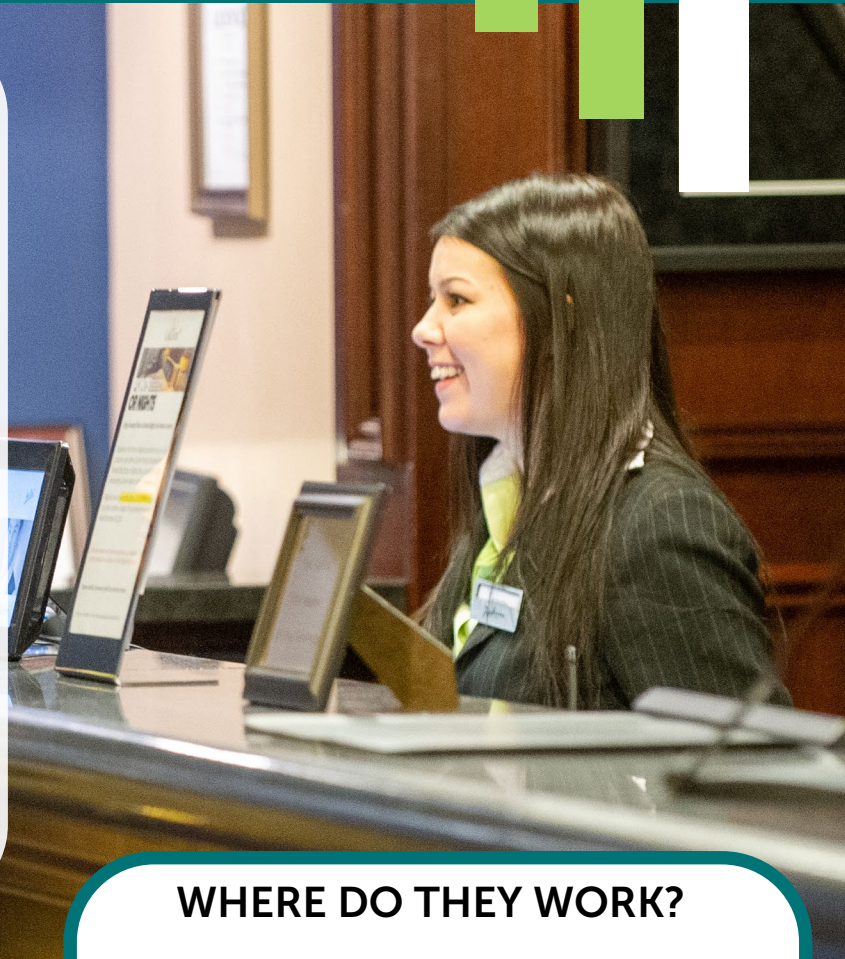
4 years and 7,200 hours

GUEST SERVICES REPRESENTATIVE

Guest Services Representatives promote, sell and book accommodation products and services.

WHAT DO THEY DO ON THE JOB?

- make room reservations, register arriving guests, assign rooms, present bills to departing guests and receive payments
- compile and check daily record sheets, guest accounts, receipts and vouchers using computerized or manual systems
- answer inquiries regarding hotel services and registrations, and respond to guests' complaints
- provide information services and promote local events and points of interest to guests



WHERE DO THEY WORK?

- hotels and motels
- resorts



What can you expect on the job?

- requires shift work, uniforms, and strong communication skills
- must handle pressure effectively



Performed indoors

WAGES

\$14.00 - \$19.00
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

HAIRSTYLIST

Hairstylists shampoo, cut, style and chemically alter hair.

WHAT DO THEY DO ON THE JOB?

- shampoo hair and provide other hair treatments, such as waving, straightening and colouring
- may also provide scalp conditioning massages
- cut diverse textures of hair using cutting tools
- perform related skills in retail and customer service
- maintain tools and sanitize and disinfect equipment



WHERE DO THEY WORK?

- salons and barber shops
- vocational schools
- healthcare establishments
- theater, film and television industries



What can you expect on the job?

- work varies; hairstylists on commission, wage, or contract
- involves standing, bending, and risk of chemical sensitivity



This trade is Red Seal designated



Performed indoors

WAGES

\$14.00 - \$31.19
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

HEAVY DUTY EQUIPMENT TECHNICIAN

Heavy Duty Equipment Technicians service large mobile equipment used in construction, mining, and forestry.

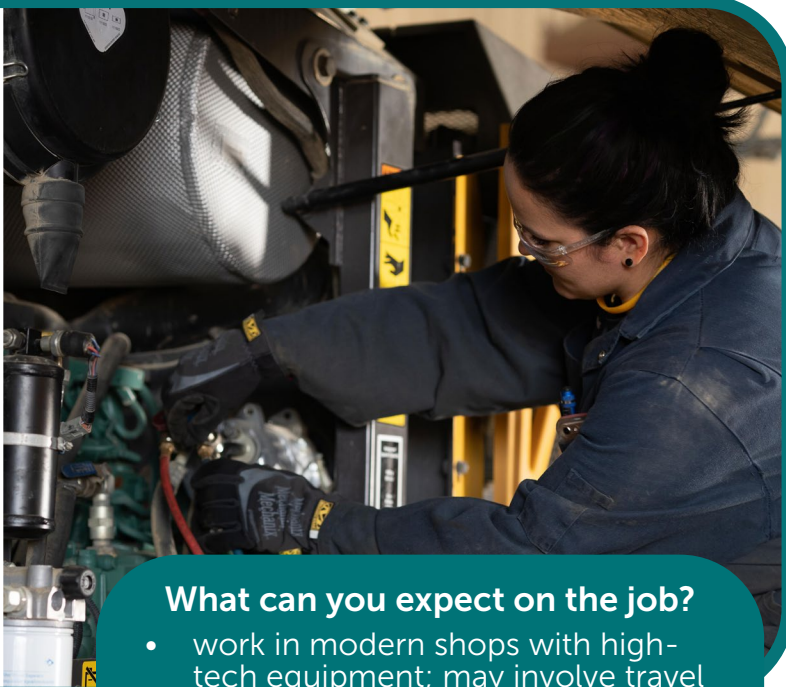
WHAT DO THEY DO ON THE JOB?

- check bulldozers, cranes, graders and other heavy construction, agricultural, logging and mining equipment for proper performance and inspect equipment to detect faults and malfunctions
- diagnose malfunctions using computerized and other testing equipment to determine extent of repair required
- adjust equipment and repair or replace defective parts, components or systems, using hand and power tools



WHERE DO THEY WORK?

- heavy equipment dealers
- railway transport companies
- urban transit systems



What can you expect on the job?

- work in modern shops with high-tech equipment; may involve travel
- requires physical strength and math skills



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$22.45 - \$52.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

INDUSTRIAL MECHANIC (MILLWRIGHT)

Industrial Mechanics (Millwrights) install, repair and maintain machinery that is used in factories, mines and production facilities.

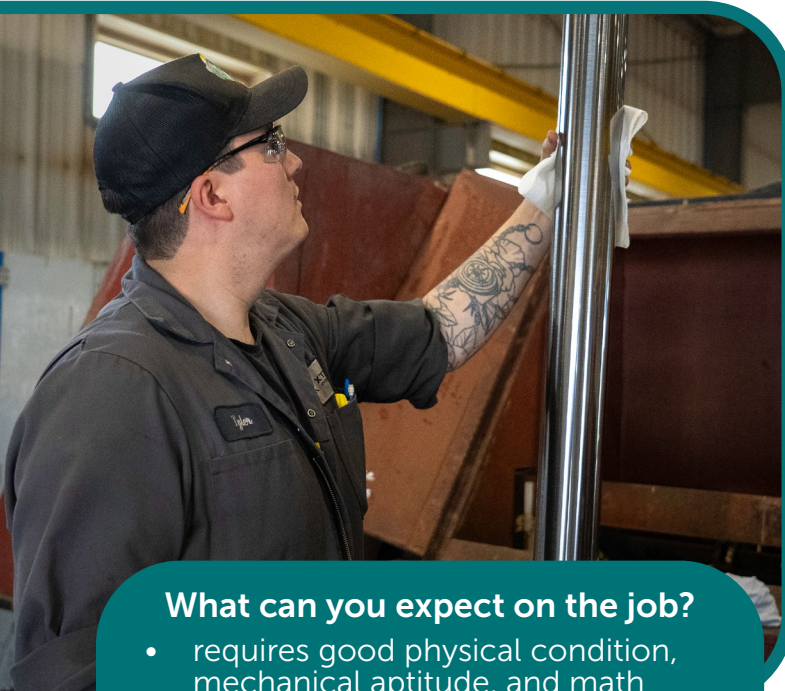
WHAT DO THEY DO ON THE JOB?

- read blueprints, diagrams and schematic drawings to determine work procedures
- install, align, dismantle and move stationary industrial machinery and mechanical equipment according to layout plans using hand and power tools
- operate hoisting and lifting devices during installation, set-up and repair of machinery
- adjust machinery and repair or replace defective parts



WHERE DO THEY WORK?

- wood, cereal and meat processing industries
- power generating plants
- mines
- mills and refineries



What can you expect on the job?

- requires good physical condition, mechanical aptitude, and math skills
- dirty and noisy environments



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$20.00 - \$55.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

INSTRUMENTATION AND CONTROL TECHNICIAN

Instrumentation and Control Technicians calibrate and repair control instruments in commercial and industrial settings.

WHAT DO THEY DO ON THE JOB?

- installs, maintains, and programs instrumentation systems for measuring and controlling various variables in manufacturing and production facilities
- consults manufacturer's manuals for test and maintenance procedures for these instruments.
- uses testing devices to inspect, test, diagnose faults, and calibrate instruments and systems.
- repairs and adjusts system components or replaces defective parts.



WHERE DO THEY WORK?

- manufacturing plants
- mines
- utilities and other industrial establishments



What can you expect on the job?

- requires computer, math skills, and mechanical aptitude
- work may be in dirty, noisy environments



This trade is Red Seal designated



Performed indoors

WAGES

\$41.75 - \$61.54
per hour

YEARS TO CERTIFICATION

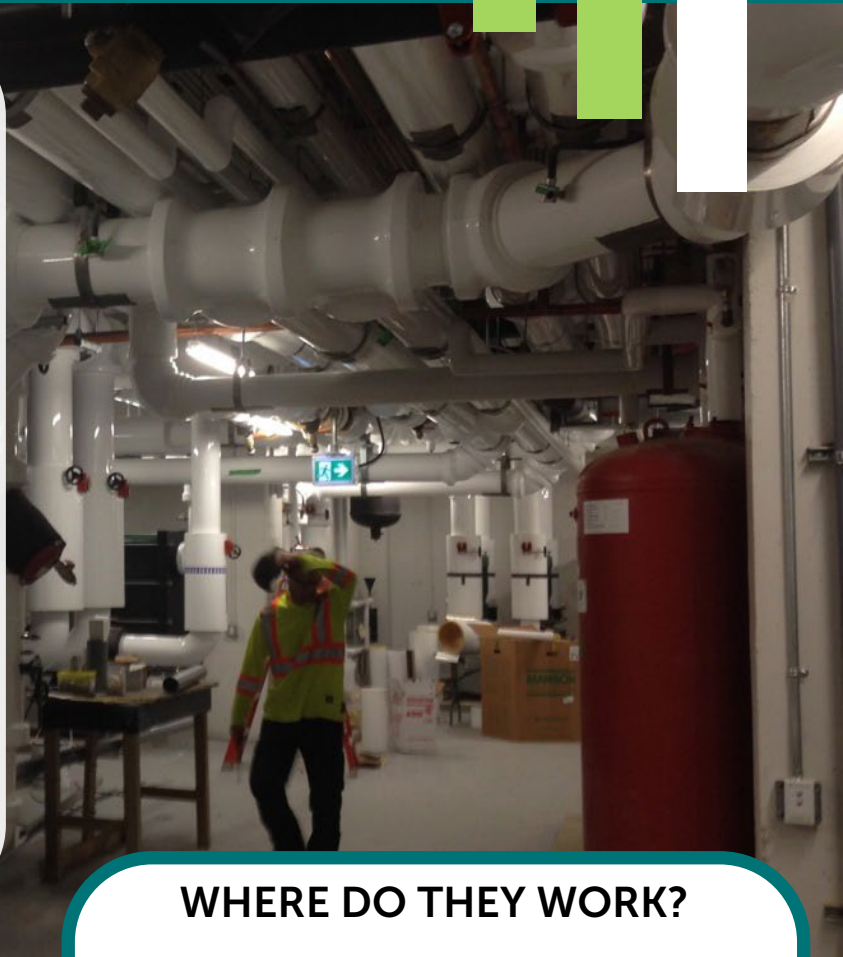
4 years and
6,800 hours

INSULATOR (HEAT AND FROST)

Insulators (Heat and Frost) apply thermal insulation to commercial and industrial structures and equipment.

WHAT DO THEY DO ON THE JOB?

- measure and cut insulating material to required dimensions using hand and power tools
- apply and secure insulation using spraying, blowing, pasting, strapping, taping and other application and installation methods
- fit insulation around obstructions and between studs and joists
- install vapour barriers and remove asbestos or insulation materials from buildings when required



WHERE DO THEY WORK?

- construction companies
- insulation contractors



What can you expect on the job?

- requires fitness and math skills
- work in various challenging environments



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$22.33 - \$42.00 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

IRONWORKER (REINFORCING)

Ironworker (Reinforcing) fabricate and weld rebar. They cut, sort, bend, tie and install rebar and other materials used in reinforcing concrete.

WHAT DO THEY DO ON THE JOB?

- read blueprints and specifications to lay out reinforcing rebar and post-tensioning systems
- unload and position steel components so each piece can be hoisted as needed
- erect and install hoisting equipment and components for lifting
- position and secure steel bars or metal mesh in concrete forms to reinforce concrete structures



WHERE DO THEY WORK?

- construction ironwork contractors



What can you expect on the job?

- requires physical fitness, math skills, and working at heights
- may involve cold and wet environments



This trade is Red Seal designated



Performed outdoors

WAGES

\$26.00 - \$48.46
per hour

YEARS TO CERTIFICATION

2 years and
3,600 hours

IRONWORKER (STRUCTURAL/ORNAMENTAL)

Ironworkers (Structural/Ornamental) fabricate, weld, cut, erect and dismantle structural and ornamental metal work.

WHAT DO THEY DO ON THE JOB?

- read blueprints and specifications to lay out work
- erect and install scaffolding, hoisting equipment and rigging
- align and weld or bolt steel components in place
- erect and rig cranes and place machinery and equipment
- examine structures and equipment for deterioration or non-compliance with specifications



WHERE DO THEY WORK?

- construction ironwork contractors



What can you expect on the job?

- requires physical fitness, math skills, and working at heights
- may involve cold and wet environments



This trade is Red Seal designated



Performed outdoors

WAGES

\$26.00 - \$48.46
per hour

YEARS TO CERTIFICATION

3 years and
5,400 hours

LANDSCAPE HORTICULTURALIST

Landscape Horticulturists grow, install, maintain and sell plants and related material.

WHAT DO THEY DO ON THE JOB?

- plan the growth and use of plants for landscaping and ornamental uses
- survey and assess sites, prepare drawings, sketches and reports to assist landscape architects in designing landscape environments
- install paving stones, build planters, complete site grading, and install sod
- examine trees and shrubs to diagnose problems and disease, and treat as needed
- plan and maintain private and public lawns and gardens



WHERE DO THEY WORK?

- golf courses
- nurseries and greenhouses
- municipal, provincial and national parks



What can you expect on the job?

- seasonal work
- long and sometimes irregular hours
- knowledge of the use of chemicals



This trade is Red Seal designated



Performed outdoors

WAGES

\$14.00 - \$36.19 per hour

YEARS TO CERTIFICATION

4 years and 6,000 hours

LATHER (INTERIOR SYSTEMS MECHANIC)

Lathers install metal stud systems, thermal insulations and related vapour barriers and sealants, and gypsum board.

WHAT DO THEY DO ON THE JOB?

- install metal framing for walls, partitions, ceiling systems and ornamental detail
- apply base materials for stucco finishes including Styrofoam, stucco wire and metal lath, and apply various stucco finishes
- install metal doors, window frames, access doors and insulation
- erect partitions and various suspended ceilings as used in commercial office spaces
- install and finish drywall on commercial, residential and industrial projects



WHERE DO THEY WORK?

- construction companies
- plastering, drywalling and lathing contractors



What can you expect on the job?

- requires physical fitness
- frequent use of tools and work at heights or in tight spaces



This trade is Red Seal designated



Performed indoors

WAGES

\$18.00 - \$32.00
per hour

YEARS TO CERTIFICATION

4 years and
6,000 hours

LOCKSMITH

Locksmiths evaluate and advise customers on security and access needs.

WHAT DO THEY DO ON THE JOB?

- install, adjust and repair locks, make keys and change lock combinations
- work on residential and automotive key locks, and master key lock sets for commercial and institutional use
- work with card access systems, panic bars, magnetic locks, heavy duty industrial locking mechanisms, high security key systems, safes and vaults
- develop master key systems that provide different degrees of access to different individuals

WHERE DO THEY WORK?

- locksmithing companies
- security firms and institutions



This trade may be performed indoors



Performed outdoors

What can you expect on the job?

- good math skills required
- attention to detail
- customer service skills
- understanding of basic circuits

WAGES

Due to data limitations, the wage for this occupation cannot be published.

YEARS TO CERTIFICATION

4 years and 7,200 hours

MACHINIST

Machinists work with metals and operate lathes and milling machines to produce shapes to a required finish and size.

WHAT DO THEY DO ON THE JOB?

- read and interpret engineering drawings, blueprints, charts and tables or study sample parts to determine machining operation to be performed
- work with metals and other materials and operate lathes, milling machines and other tools to produce shapes to a required finish and size
- verify dimensions of products for accuracy and conformance to specifications using precision measuring instruments



WHERE DO THEY WORK?

- machine shops
- metal products manufacturing companies



What can you expect on the job?

- requires physical fitness
- computer/math skills
- work indoors in industrial settings



This trade is Red Seal designated



Performed indoors

WAGES

\$20.00 - \$40.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

MEAT CUTTER

Meat Cutters cut and merchandise meat, poultry and seafood.

WHAT DO THEY DO ON THE JOB?

- inspect beef and break carcasses into various cuts
- package, label, and merchandise beef, pork, poultry, and seafood products for retail
- inspect and cut pork into segments
- inspect, grade and process poultry



WHERE DO THEY WORK?

- meat processing plants
- grocery stores
- butcher shops
- meat markets



Performed indoors

What can you expect on the job?

- mathematical skills are required
- good hand-eye coordination and manual dexterity
- good sense of sight and smell to detect abnormalities in meat

WAGES

\$15.75 - \$20.00
per hour

YEARS TO CERTIFICATION

3 years and
5,400 hours

METAL FABRICATOR (FITTER)

Metal Fabricator (Fitters) layout, bend, cut and assemble different metals.

WHAT DO THEY DO ON THE JOB?

- study engineering drawings and blueprints, determine the materials required, and plan the sequence of tasks to cut metal
- operate various heavy-duty metal-working machines, such as brake presses, shears, cutting torches, grinders and drills
- operate manual or semi-automatic flame-cutting equipment
- lay out reference points and patterns on heavy metal according to component specifications



WHERE DO THEY WORK?

- structural steel, boiler and plate work fabrication plants
- heavy machinery manufacturing companies



What can you expect on the job?

- requires physical fitness
- math, and mechanical skills
- work may involve close quarters or confined spaces.



This trade is Red Seal designated



Performed indoors

WAGES

\$18.50 - \$35.50
per hour

YEARS TO CERTIFICATION

3 years and
5,400 hours

MOBILE CRANE OPERATOR

Mobile Crane Operators operate many types of hoisting equipment to move, place and position items.

WHAT DO THEY DO ON THE JOB?

- operate mobile cranes and boom trucks to lift, move, position or place equipment and materials
- perform pre-operational inspection, and calculate crane capacities and weight to prepare for rigging and hoisting
- may be responsible for the assembly and operation of mobile cranes, and boom trucks on site
- perform routine maintenance work, such as cleaning and lubricating cranes



WHERE DO THEY WORK?

- construction companies
- industrial and mining companies
- cargo handling and railway companies



What can you expect on the job?

- remote work with frequent travel; needs good vision, coordination, and attention to detail
- must follow safety procedures and use hand signals



This trade is Red Seal designated



Performed outdoors

WAGES

\$31.21- \$51.72 per hour

YEARS TO CERTIFICATION

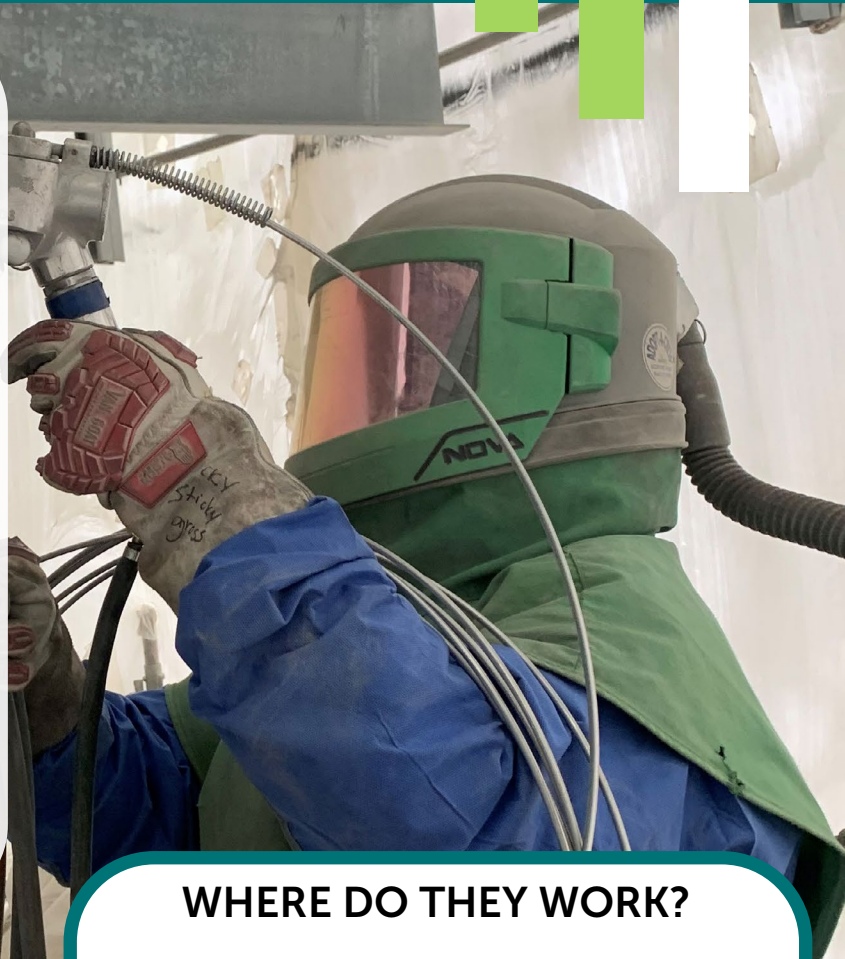
3 years and 5,400 hours

PAINTER & DECORATOR

Painter and Decorators prepare surfaces, apply paint and wallpaper and other decorative finishes to buildings and objects.

WHAT DO THEY DO ON THE JOB?

- apply paint or other materials
- prepare and clean surfaces, remove old wallpaper and loose paint, repair cracks and holes in walls with appropriate filler and sandpaper, and apply sealer
- measure, cut and apply coverings to walls
- advise customer on selection of colour schemes and choice of wall coverings
- apply specialized industrial coatings and protective paints



WHERE DO THEY WORK?

- construction sites
- building maintenance contractors in residential, commercial and industrial settings



What can you expect on the job?

- may require working at great heights



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$15.00 - \$28.00 per hour

YEARS TO CERTIFICATION

3 years and 5,400 hours

PARTS TECHNICIAN

Parts Technicians order, stock and dispense parts and assemblies to the mechanical, service and agricultural industries.

WHAT DO THEY DO ON THE JOB?

- receive and sort incoming parts and supplies
- process incoming requisitions and issue or distribute parts and supplies for internal usage
- prepare requisition orders to replenish parts and supplies
- sell spare and replacement parts for motor vehicles, machinery and equipment in a retail setting
- advise retail customers on appropriateness of parts, supplies or materials



WHERE DO THEY WORK?

- warehouse, retail and wholesale establishments
- repair shops
- mining, forestry and construction companies



What can you expect on the job?

- heavy lifting
- computer skills
- customer service required



This trade is Red Seal designated



Performed indoors

WAGES

\$18.00 - \$38.34
per hour

YEARS TO CERTIFICATION

3 years and
5,400 hours

PLUMBER

Plumbers install, replace and maintain water and sewage systems in residential, commercial and industrial buildings.

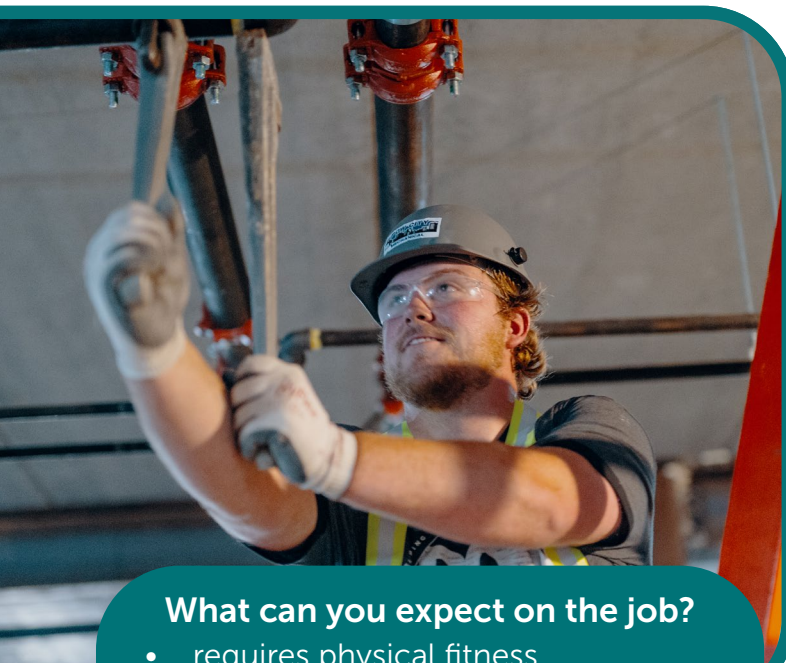
WHAT DO THEY DO ON THE JOB?

- read blueprints, drawings and specifications to determine layout of plumbing systems, water supply networks and waste and drainage systems
- install, repair and maintain domestic, commercial or industrial plumbing fixtures in walls and floors
- locate and mark positions for pipe connections, passage holes and fixtures in walls and floors
- install hot water, steam and forced air heating systems
- can also pursue Gasfitter certification



WHERE DO THEY WORK?

- plumbing companies
- maintenance departments of factories, hospitals, schools and plants



What can you expect on the job?

- requires physical fitness
- math skills
- may involve adverse weather



This trade is Red Seal designated



Performed indoors



Performed outdoors



This is a compulsory trade

WAGES

\$17.00 - \$40.00 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

POWERLINE TECHNICIAN

Powerline Technicians construct and maintain overhead and underground power lines and related equipment.

WHAT DO THEY DO ON THE JOB?

- install, maintain, troubleshoot and repair electrical distribution and transmissions systems
- erect and maintain steel, wood or concrete poles, towers and wires
- inspect and test overhead and underground power lines and cables and associated equipment
- climb ladders or operate hydraulic buckets when working on poles and towers, or work in confined spaces, such as trenches and tunnels, to install power lines



WHERE DO THEY WORK?

- electrical power generation companies
- electric contractors
- public utility commissions



What can you expect on the job?

- requires working at great heights
- involves working in confined spaces like trenches and tunnels
- Includes remote work with travel



This trade is Red Seal designated



Performed outdoors

WAGES

\$20.00 - \$54.00
per hour

YEARS TO CERTIFICATION

4 years and
6,800 hours

RECREATIONAL VEHICLE SERVICE TECHNICIAN

Recreation Vehicle Service Technicians service systems and components of recreation vehicles.

WHAT DO THEY DO ON THE JOB?

- install, repair and maintain interior and exterior components on motor homes, travel trailers, fifth wheel trailers, truck campers, tent trailers, van conversions and licensed towables
- use hand tools, power tools and refrigeration tools while working on recreation vehicles
- install, remove or repair hoses and piping in recreation vehicles
- use electrical and other measuring and testing devices to install and fix appliances



WHERE DO THEY WORK?

- recreational vehicle dealers
- recreational vehicle specialty shops
- transportation companies



What can you expect on the job?

- requires technical skills, lifting ability, and adaptability
- work in noisy high-tech environments varied tasks



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

Due to data limitations, the wage for this occupation cannot be published.

YEARS TO CERTIFICATION

4 years and 7,200 hours

REFRIGERATION AND AIR CONDITIONING MECHANIC

Refrigeration and Air Conditioning Mechanics install and repair primary and secondary refrigeration and cooling systems.

WHAT DO THEY DO ON THE JOB?

- measure and lay out reference points for installation
- assemble and install refrigeration or air conditioning components using hand and power tools
- measure and cut piping, and connect piping using welding and brazing equipment
- start-up system and test for leaks using testing devices
- recharge system with refrigerant, check and test regulators, calibrate system and perform routine maintenance
- can pursue Gasfitter certification



WHERE DO THEY WORK?

- refrigeration and air conditioning installation contractors
- industrial settings
- food wholesalers



What can you expect on the job?

- needs physical fitness
- technical aptitude, and problem-solving skills
- customer service skills helpful



This trade is Red Seal designated



Performed indoors



Performed outdoors



This is a compulsory trade

WAGES

\$21.91 - \$44.00 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

ROOFER

Roofers install and maintain different roofs with a variety of covering materials.

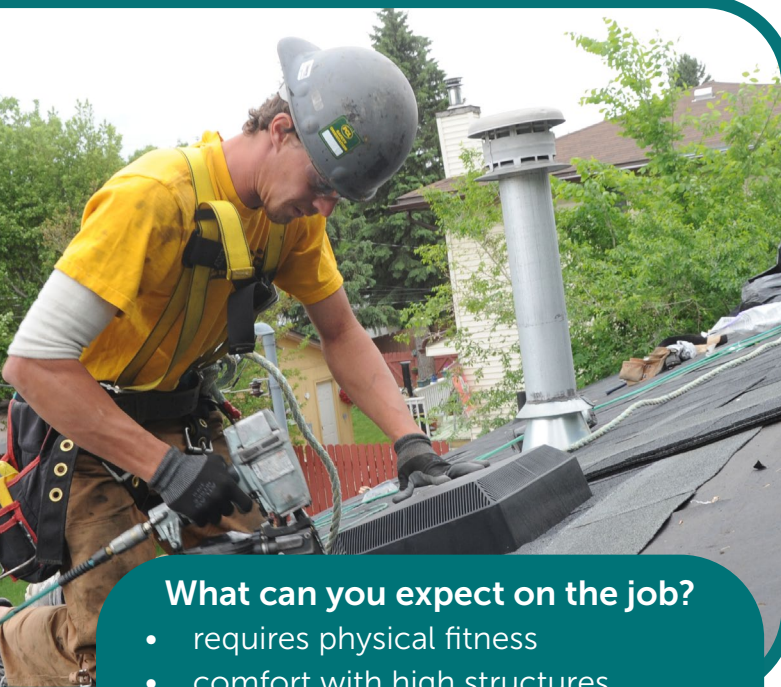
WHAT DO THEY DO ON THE JOB?

- install, repair or replace roofing systems
- install, repair or replace asphalt and wood shingles, shakes and masonry or baked clay roofing tiles
- install sheet metal flashings and apply waterproof coating to concrete or other masonry surfaces below or above ground level
- install and repair metal roofs using hand and power tools



WHERE DO THEY WORK?

- roofing contractors
- general contractors



What can you expect on the job?

- requires physical fitness
- comfort with high structures
- exposure to extreme weather and seasonal work



This trade is Red Seal designated



Performed outdoors

WAGES

\$18.00 - \$32.00
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

SHEET METAL WORKER

Sheet Metal Workers use lightweight metal to fabricate and repair products like air and material handling systems.

WHAT DO THEY DO ON THE JOB?

- lay out, measure and mark sheet metal according to drawings or templates
- develop patterns for sheet metal using computer-assisted design and drafting (CAD) software packages
- operate computerized laser or plasma cutting equipment to cut sheet metal
- operate light metalworking machines
- install sheet metal products such as ductwork, according to specifications and building codes



WHERE DO THEY WORK?

- sheet metal fabrication shops
- sheet metal products manufacturing companies
- sheet metal installation contractors



What can you expect on the job?

- requires physical fitness
- strong math skills
- computer skills beneficial.



This trade is Red Seal designated



Performed indoors



Performed outdoors



This is a compulsory trade

WAGES

\$14.00 - \$45.85 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

SPRINKLER FITTER

Sprinkler Fitters install, test and repair fixed fire suppression systems.

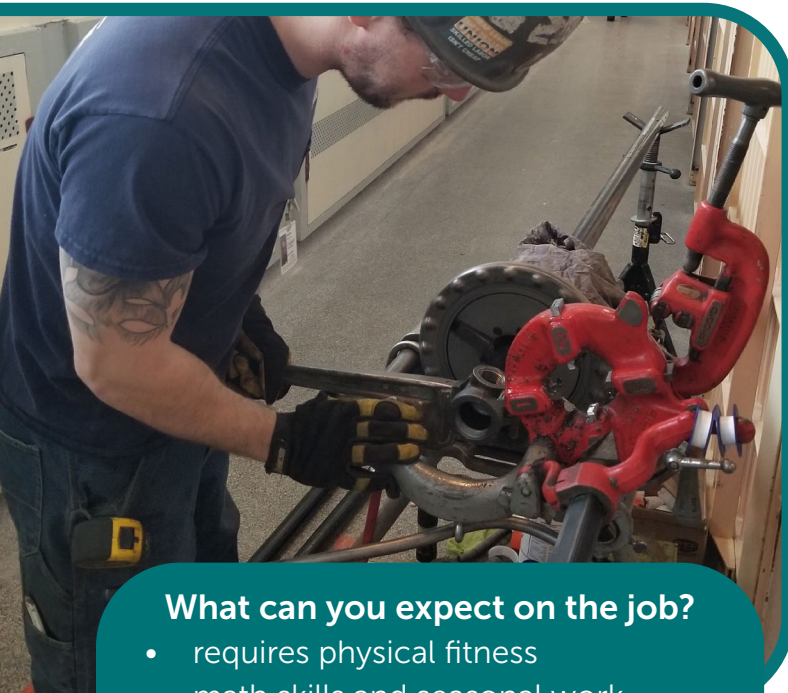
WHAT DO THEY DO ON THE JOB?

- install clamps, brackets and hangers to support piping systems, as well as sprinkler and fire protection equipment using hand and power tools
- select, measure, cut, and thread pipe, install sprinkler heads and mount prepared pipe in supports
- join pipes and piping systems to water mains, supply tanks, pumps, compressors and control equipment
- install, service, and repair valves, alarms and associated equipment



WHERE DO THEY WORK?

- maintenance departments of factories and plants
- sprinkler system installer companies



What can you expect on the job?

- requires physical fitness
- math skills and seasonal work
- common computer skills beneficial



This trade is Red Seal designated



Performed indoors



This is a compulsory trade

WAGES

\$34.00 - \$48.41 per hour

YEARS TO CERTIFICATION

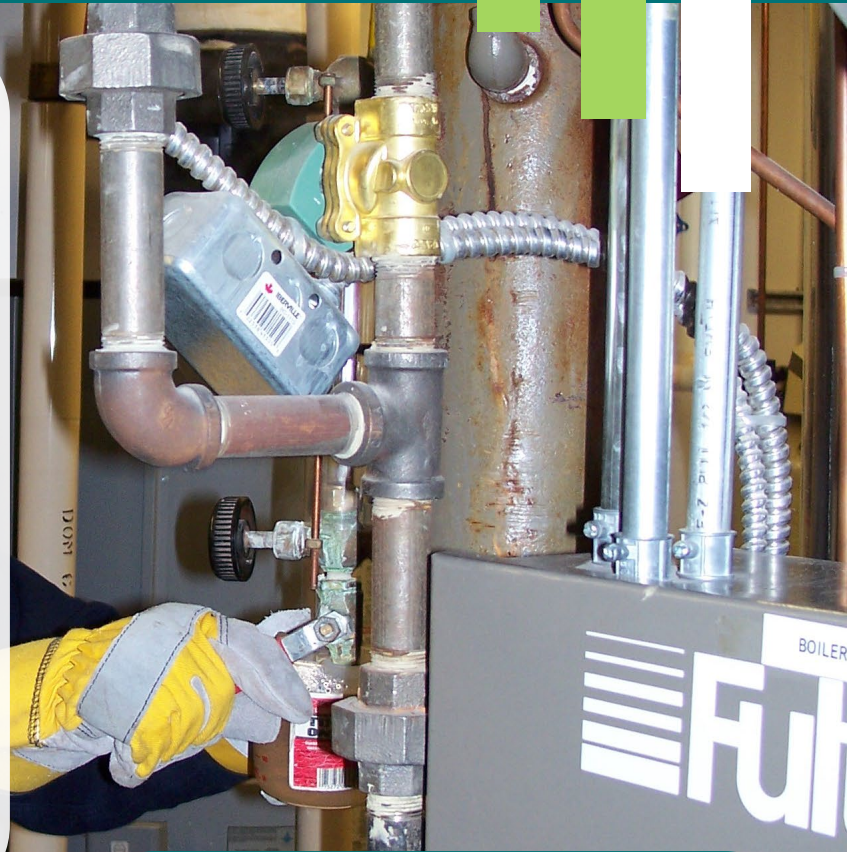
4 years and 7,200 hours

Steamfitter/Pipefitter

Steamfitters-Pipefitters install and repair piping systems and their components.

WHAT DO THEY DO ON THE JOB?

- cut and fabricate piping supports and modify piping systems using hand and power tools
- select type and size of pipe required
- plan, lift and install piping, valves and supports in an industrial setting
- install supports, valves, piping and control systems
- remove and replace worn components and reactivate systems
- can pursue Gasfitter certification



WHERE DO THEY WORK?

- construction sites
- maintenance departments of factories, hospitals, schools and plants



What can you expect on the job?

- requires physical fitness
- math, and mechanical skills
- work indoors and outdoors with travel



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$34.00 - \$48.41 per hour

YEARS TO CERTIFICATION

4 years and 7,200 hours

TILESETTER

Tilesetters construct, alter and repair structures with tile, granite, slate, marble, terrazzo, and other similar materials.

WHAT DO THEY DO ON THE JOB?

- mix, apply and spread mortar, cement, mastic, glue, or other adhesives using a hand trowel
- set tiles in position and apply pressure to affix tiles to base
- remove and replace cracked or damaged tiles
- cut and fit tiles around obstacles using hand and power cutting tools
- lay and set mosaic tiles to create decorative wall, mural and floor designs
- cut, polish and install marble and granite



WHERE DO THEY WORK?

- construction companies
- masonry contractors



What can you expect on the job?

- requires physical fitness and math skills
- frequent use of hand and power tools



This trade is Red Seal designated



Performed indoors

WAGES

Due to data limitations, the wage for this occupation cannot be published.

YEARS TO CERTIFICATION

4 years and 7,200 hours

TOWER CRANE OPERATOR

Tower Crane Operators operate mechanical devices or structures utilizing a vertical mast or tower and jib.

WHAT DO THEY DO ON THE JOB?

- operate tower cranes to lift, move, position or place equipment and materials
- perform pre-operational inspection, and calculate crane capacities and weight to prepare for rigging and hoisting
- may be responsible for the assembly of tower cranes on site
- perform routine maintenance work, such as cleaning and lubricating cranes



WHERE DO THEY WORK?

- construction companies
- industrial and mining companies
- cargo handling and railway companies



What can you expect on the job?

- outdoor work, heights, travel, and strict safety
- needs vision, coordination, and detail



This trade is Red Seal designated



Performed outdoors

WAGES

\$31.21 - \$51.72
per hour

YEARS TO CERTIFICATION

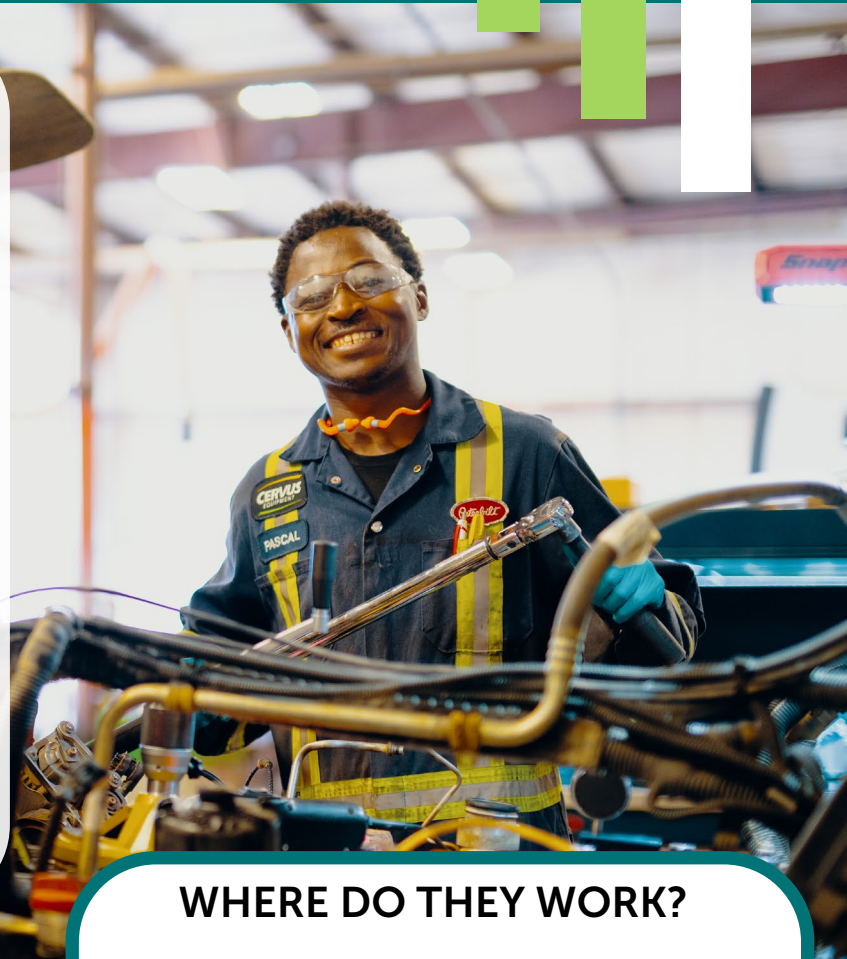
4 years and
7,200 hours

TRUCK AND TRANSPORT MECHANIC

Truck and Transport Mechanics maintain and inspect motorized trucks, buses and road transport vehicles.

WHAT DO THEY DO ON THE JOB?

- adjust, repair or replace parts and components of commercial transport truck systems including chassis, frame, cab, body, engine and drive train, fuel, air brakes, steering, hydraulic, electrical and electronic systems
- adjust, repair or replace parts and components of truck trailer systems including structural, brakes and electrical systems



WHERE DO THEY WORK?

- motor vehicle dealers
- garages
- service stations
- transportation companies



What can you expect on the job?

- requires physical fitness, manual dexterity, and math skills



This trade is Red Seal designated



Performed indoors

WAGES

\$18.00 - \$42.31
per hour

YEARS TO CERTIFICATION

4 years and
7,200 hours

WELDER

Welders join metal and plastics together using welding equipment.

WHAT DO THEY DO ON THE JOB?

- read and interpret blueprints or welding process specifications
- use various welding processes to join structural steel and metal in vessels, piping and other components
- operate manual or semi-automatic flame-cutting equipment
- operate manual or semi-automatic welding equipment to fuse metal segments
- fabricate parts, tools, machines and equipment used in the construction and manufacturing industries



WHERE DO THEY WORK?

- structural steel manufacturers
- welding contractors and shops



What can you expect on the job?

- requires physical fitness
- manual dexterity, and math skills
- work may be required to travel



This trade is Red Seal designated



Performed indoors



Performed outdoors

WAGES

\$20.00 - \$39.00 per hour

YEARS TO CERTIFICATION

3 years and 5,400 hours

TEACHER RESOURCES

WHAT IS APPRENTICESHIP?

Apprenticeship training is a structured system of supervised training leading to certification in one of Saskatchewan's designated trades.

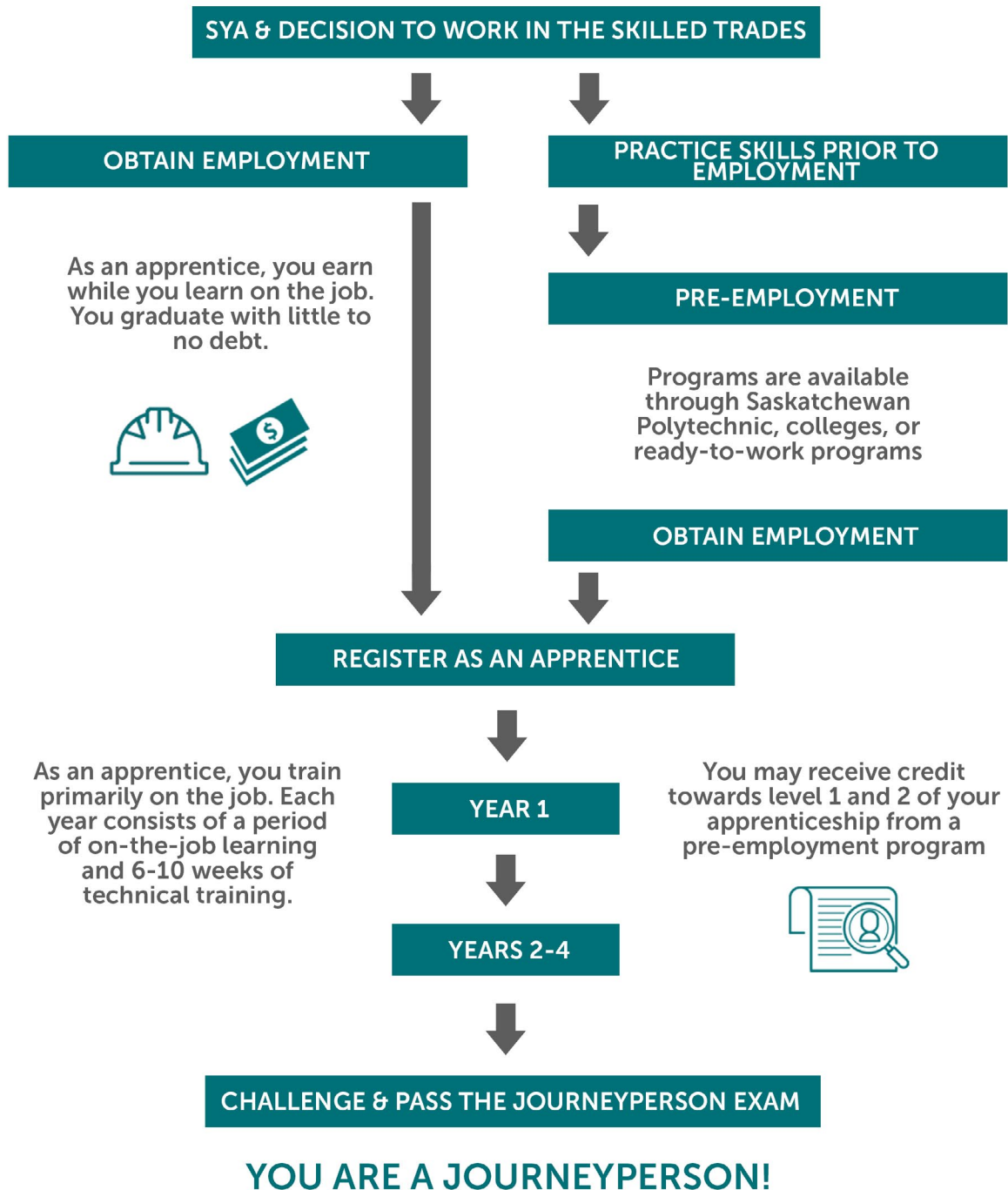
Apprentices spend approximately 85% of the time working on the job, learning the knowledge and skills associated with a trade from a certified journey person. The remaining time is spent in theoretical and technical in-school training, which reinforces and expands on what is learned on the job.

For more information about apprenticeship, check out our [website](#).



With apprenticeship training, you earn as you learn.

YOUR JOURNEY THROUGH APPRENTICESHIP



WHY CHOOSE APPRENTICESHIP?

The importance of a post-secondary education cannot be overstated in today's labour market. Among the many career choices, apprenticeship training offers a great opportunity in any one of Saskatchewan's more than 40 designated trades and subtrades. Apprenticeship is a training system that is valued by employers. Certification in a Red Seal trade is recognized by industry across Canada.

There are numerous benefits of apprenticeship training:

1. Apprenticeship is industry-driven. Apprenticeships are created by industries needing skilled workers. The standards required in the workplace are met through industry's direct involvement in the training process. It is training designed by industry for industry.
2. Apprenticeship is employment-based, so you earn while you learn. An individual signs an apprenticeship training agreement with the employer and registers it with the SATCC to become an apprentice. You earn a wage while you are learning the trade. In general, employers increase wages to the apprentice after each level of technical training is completed.
3. Certification examinations are developed and validated by industry and administered by the SATCC. Industry has set the standard of performance, both at the provincial level and at the national level. Successfully passing these examinations means you have met the standard of excellence set out by industry.
4. Training is work-based. An apprentice spends approximately 85% of the training time working on the job under the supervision of a journeyperson.
5. Technical training reinforces what has been learned in the workplace. Approximately 15% of the apprentice's time is spent in technical training.

HIGH SCHOOL COMPLETION TO APPRENTICESHIP

Several secondary Practical and Applied Arts (PAA) courses provide trade time hours should completers register as apprentices after graduation. High school students can acquire a maximum of up to 500 trade time hours in addition to the 300 trade time hours by completing SYA.

Apprenticeship Recognition for PAA Courses in and Related to the Designated Trades

Students in these courses are introduced to the basics of the trade. With Trade Board approval, these courses provide for trade time hours toward apprenticeship.

Apprenticeship Recognition for Locally Developed Courses of Study

Locally developed courses of study in the trades are developed by school divisions and First Nations education authorities and approved by the Saskatchewan Ministry of Education. With Trade Board approval, these courses provide trade time hours toward apprenticeship to students who successfully complete.

Trade Time Hours Towards Apprenticeship

The trade time hours available towards apprenticeship for completion of high school programs and courses can be found on our website [here](#).

APPRENTICESHIP RECOGNITION OF PRACTICAL AND APPLIED ARTS COURSES IN AND RELATED TO DESIGNATED TRADES

Practical and Applied Arts (PAA) courses provide learning opportunities that help students to make the transition from school to work.

While factors such as time limitations may restrict the depth of training that high schools can offer, students are introduced to the basics of a trade. Students also gain an understanding of the importance of safety in the workplace and learn skills that facilitate entry level employment.

Students who successfully complete a PAA course in a designated trade may apply for trade time hours towards apprenticeship. These trade time hours will provide advanced standing for time spent in training when the student indentures as an apprentice. In other words, the time required to complete a high school credit will be considered time worked in the trade as an apprentice. *The Hairstylist trade has a special arrangement for Cosmetology and Hairstyling and Esthetics students. Please contact SATCC for more information.

To receive advanced standing towards apprenticeship, students must provide a copy of their high school transcripts when they apply to become apprentices. Details on this transcript will help determine trade time hours for each completed course.



Training Recognized for PAA Pure Courses in Designated Trades:

Agricultural Equipment Technician; Autobody; Construction and Carpentry; Commercial Cooking; Hairstyling and Esthetics; Electrical and Electronics; Mechanical and Automotive; Machining and Welding*

Training Recognized for PAA Pure Courses Related to Designated Trades:

Food Studies; Tourism; Tourism and Entrepreneurship

Process Chart for School Officials

The SATCC recognizes training received in the designated trades within Practical and Applied Arts courses.

Final marks for Practical and Applied Arts courses are recorded on the student's transcript.

When the student registers as an apprentice and the transcript is presented to the SATCC, trade time hours are usually awarded.

APPRENTICESHIP RECOGNITION FOR LOCALLY DEVELOPED COURSES OF STUDY

This section refers to locally developed courses in the trades that are developed by school divisions or First Nations education authorities and approved by the Saskatchewan Ministry of Education.

A school division or First Nations education authority may want to develop its own course of study in a newly designated trade or to meet local needs and/or interests.

Locally developed courses of study **require prior approval** from the Curriculum Unit, Student Achievement and Supports (SAS) Branch, Ministry of Education. In a designated trade, special conditions must be met before any locally developed courses of study also receives approval from the Saskatchewan Apprenticeship and Trade Certification Commission. When a course is authorized in a designated trade, advanced standing towards apprenticeship may be available through the Saskatchewan Apprenticeship and Trade Certification Commission.

For a locally developed course to be recognized for advanced standing towards apprenticeship, the following criteria must be met:

- the course must be approved by the Student Achievement and Supports Branch of the Ministry of Education as per the [Policy and Procedures for Locally Developed Courses of Study](#);
- the course, the instructor and the facility may need to be inspected by the Commission before approval is given; and
- if a work placement component is included, the work study guidelines found within the Practical and Applied Arts Handbook must be followed. (The PAA Handbook can be found at: www.curriculum.gov.sk.ca under "Browse by Subject", Practical & Applied Arts. The Handbook is located under the "PAA Supports" menu.)


Process Chart for School Officials

Please note: Approvals must be obtained when a school division or First Nations education authority wants to develop its own locally developed course in a designated trade.

Designated personnel access the [Locally Developed Courses](#) portal and follow the steps detailed in the Policy and Procedures section.



Once all steps have been successfully completed, final approval for the course will be granted by the Curriculum Unit, Student Achievement and Supports Branch, Saskatchewan Ministry of Education.



After approval is received, the school division or First Nations education authority sends a copy of the course document and the names of the instructors and high schools offering the course to the SATCC to request course approval. The facility may need to be inspected by the SATCC before approval is given.