



**APPRENTICESHIP:** Yes  
**RED SEAL:** Yes  
**LEVELS:** 4  
**IN SCHOOL:** 4 sessions  
**WAGE:** \$28,080 - \$64,050



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### AT A GLANCE

- Use sophisticated diagnostic equipment and techniques to service electrical/electronic system faults and perform component replacements
- Service basic fuel and fuel injection systems, electrical and suspension systems, air conditioning, emission controls and power assist
- Service and repair engines, braking systems, air brakes, steering components, drive lines and differentials
- Disassemble, align, fit and machine parts with hand or power tools
- Assemble, install, repair and maintain equipment involving transmission servicing, hydraulics, pneumatics, electronics, heating and refrigeration units
- Rebuild, adjust and service a variety of components such as engine pistons and connecting rods, cylinders, cylinder head valves, camshafts, crankshafts and time gears and steering components
- Repair and replace frames, axles, hubs, tires and wheels and coupling units

### CAREER ADVANCEMENT / RELATED CAREERS

- **Experienced:** supervisor, service manager
- **Further Training Required:** Diesel engine mechanic, transport trailer technician, heavy equipment technician

### HOW DO I GET STARTED?

**To enter the apprenticeship program full-time, you must be:**

- 16 years or older (may need parental consent to work on construction site)
- High school grad or mature student with equivalent academic standing
- **Recommended high school courses:** English, Math, Science, and Construction courses

### AVAILABLE TRAINING

- High School Vocational Programming
- High School Apprenticeship Program (HSAP)
- Post-Secondary Education
- Private Vocational Institutions

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## CONSTRUCTION CAREERS IN MANITOBA

### Careers with Apprenticeship Trades

#### CONSTRUCTION (27)

Boilermaker	Interior Systems Mechanic (Lather)
Boom Truck Hoist Operator	Ironworker (Generalist)
Bricklayer	Landscape Horticulturalist
Cabinetmaker	Mobile Crane Operator
Carpenter	Painter & Decorator
Concrete Finisher	Plumber
Construction Craft Worker	Pre-Engineered Building Erector
Construction Electrician	Refrigeration & AC Mechanic
Floor Covering Installer	Roofer
Gasfitter	Sheet Metal Worker
Gasfitter (Domestic)	Sprinkler System Installer
Glazier	Steamfitter / Pipefitter
Industrial Mechanic (Millwright)	Tower Crane Operator
Insulator (Heat & Frost)	

#### INDUSTRIAL (8)

Electric Motor System Technician	Power Electrician
Industrial Electrician	Tool & Die Maker
Industrial Instrument Mechanic	Waste & Water Technician
Machinist	Welder

#### SERVICE (1)

Partsperson

#### TRANSPORTATION (6)

Bodyframe Specialist	Motor Vehicle Body Repairer
Diesel Engine Mechanic	Transport Trailer Technician
Heavy Equipment Technician	Truck & Transport Mechanic

### Beyond the Trades

#### CONSTRUCTION (9)

Architect	Land Surveyor
Civil Engineer, P. Eng.	Landscape Architect
Cribber	Plasterer
Drywall Taper	Tilesetter
Grounds Maintenance Worker	

#### INDUSTRIAL & TRANSPORTATION (13)

Blaster in Charge	Flagperson
Civil Engineering Technician/ Technologist (C.E.T)	Labourer, General & Skilled
CNC Operator	Metal Finisher
Driller	Maintenance Mechanic
Health & Safety Manager	Power Engineer
Heavy Equipment Operator	Project Manager
	Truck Driver

#### OTHER (12)

Building Inspector	Mortgage Broker
Buyer/Purchasing Agent	Property Manager/ Administrator
Draftsperson	Real Estate Agent
Elevator Constructor	Scheduler/Expediter
Estimator	Technical Salesperson/Supplier
Home Appraiser	Vocational Instructor

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