

#### **AT A GLANCE**

- Prepare the worksite for concrete
- Place plastic concrete into forms and spread it to a specified depth
- Level and straighten the surface, provide a floated, trowelled, or textured surface as specified, cut joints to control cracking
- Operate machines that speed production and semi-automate the placing and finishing process cure and protect concrete surfaces
- Properly use dry pack grouting, epoxy coating, and other specialty materials
- Install anchor bolts, steel plates, door sills, and other inserts in freshly placed concrete
- Install specialty concrete and apply architectural surface treatments such as hardeners, colouring, textures, or patterns
- Saw, cut, or core drill existing concrete
- Restore concrete surfaces and repair, resurface, and replace damaged sections of floors, walls, pavements, and other concrete structures

#### **CAREER ADVANCEMENT / RELATED CAREERS**

 Experienced: foreman, contract estimators, general contractors, self employed

# **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
- Post-Secondary Education
- Private Vocational Institutions



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## **CONSTRUCTION CAREERS IN MANITOBA**

# **Careers with Apprenticeship Trades**

#### **CONSTRUCTION (27)**

Boilermaker Boom Truck Hoist Operator Bricklayer Cabinetmaker

Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician Floor Covering Installer

Gasfitter (Domestic)

Industrial Mechanic (Millwright) Insulator (Heat & Frost)

## **INDUSTRIAL (8)**

Gasfitter

Electric Motor System Technician Industrial Electrician

Industrial Instrument Mechanic

Machinist SERVICE (1)

Partsperson

#### **TRANSPORTATION (6)**

**Bodyframe Specialist** Diesel Engine Mechanic Heavy Equipment Technician Welder

Waste & Water Technician

Interior Systems Mechanic (Lather)

Pre-Engineered Building Erector

Refrigeration & AC Mechanic

Sprinkler System Installer

Steamfitter / Pipefitter

Tower Crane Operator

Power Electrician

Tool & Die Maker

Ironworker (Generalist)

Mobile Crane Operator

Painter & Decorator

Sheet Metal Worker

Plumber

Roofer

Landscape Horticulturalist

Motor Vehicle Body Repairer Transport Trailer Technician Truck & Transport Mechanic

# **Beyond the Trades**

Flagperson

Metal Finisher

**Power Engineer** 

Project Manager

Truck Driver

Labourer, General & Skilled

Maintenance Mechanic

#### **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 Civil Engineering Technician/ Technologist (C.E.T) **CNC** Operator Driller Health & Safety Manager

**Heavy Equipment Operator** 

**OTHER (12)** 

**Building Inspector** Mortgage Broker Buyer/Purchasing Agent Property Manager/ Administrator Draftsperson Real Estate Agent **Elevator Constructor** Scheduler/Expediter

Technical Salesperson/Supplier Estimator

Vocational Instructor Home Appraiser

## **CONSTRUCTION CAREERS IN MANITOBA**

# **Careers with Apprenticeship Trades**

Interior Systems Mechanic (Lather)

Pre-Engineered Building Erector

Refrigeration & AC Mechanic

Ironworker (Generalist)

Mobile Crane Operator

Painter & Decorator

Sheet Metal Worker

Sprinkler System Installer

Waste & Water Technician

Steamfitter / Pipefitter

**Tower Crane Operator** 

Power Electrician

Tool & Die Maker

Welder

Plumber

Roofer

Landscape Horticulturalist

#### **CONSTRUCTION (27)**

Boilermaker Boom Truck Hoist Operator Bricklayer

Cabinetmaker Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician Floor Covering Installer

Gasfitter Gasfitter (Domestic) Glazier

Industrial Mechanic (Millwright) Insulator (Heat & Frost)

**INDUSTRIAL (8)** 

Electric Motor System Technician Industrial Electrician

Industrial Instrument Mechanic Machinist

SERVICE (1) **Partsperson** 

**TRANSPORTATION (6)** 

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

# **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/ Labourer, General & Skilled Technologist (C.E.T) Metal Finisher **CNC** Operator Maintenance Mechanic Power Engineer Health & Safety Manager Project Manager **Heavy Equipment Operator** Truck Driver

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Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician

Floor Covering Installer Gasfitter

Gasfitter (Domestic) Glazier Industrial Mechanic (Millwright)

Insulator (Heat & Frost)

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