

INDUSTRIAL INSTRUMENT MECHANIC

YOU WERE **MADE** FOR THIS!



APPRENTICESHIP: Yes
RED SEAL: Yes
LEVELS: 4
IN SCHOOL: 4 sessions
WAGE: \$22,880 - \$78,750

AT A GLANCE

- Pneumatic tubing and electrical wiring on existing installations
- Temperature sensors and indicators
- Pressure and vacuum sensors and indicators
- Oxygen and gas analysis equipment in laboratories
- Moisture and humidity sensing and indicating systems
- Sensors and indicators measuring speed, position, and timing
- Components for X-ray equipment
- Pneumatic or electronic transmitters and data scanning systems
- Closed-circuit television systems
- Monitoring and alarm systems

CAREER ADVANCEMENT / RELATED CAREERS

- **Experienced:** supervisor, company salesperson
- **Further Training Required:** engineering 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

INDUSTRIAL INSTRUMENT MECHANIC

YOU WERE **MADE** FOR THIS!



APPRENTICESHIP: Yes
RED SEAL: Yes
LEVELS: 4
IN SCHOOL: 4 sessions
WAGE: \$22,880 - \$78,750

AT A GLANCE

- Pneumatic tubing and electrical wiring on existing installations
- Temperature sensors and indicators
- Pressure and vacuum sensors and indicators
- Oxygen and gas analysis equipment in laboratories
- Moisture and humidity sensing and indicating systems
- Sensors and indicators measuring speed, position, and timing
- Components for X-ray equipment
- Pneumatic or electronic transmitters and data scanning systems
- Closed-circuit television systems
- Monitoring and alarm systems

CAREER ADVANCEMENT / RELATED CAREERS

- **Experienced:** supervisor, company salesperson
- **Further Training Required:** engineering 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

INDUSTRIAL INSTRUMENT MECHANIC

YOU WERE **MADE** FOR THIS!



APPRENTICESHIP: Yes
RED SEAL: Yes
LEVELS: 4
IN SCHOOL: 4 sessions
WAGE: \$22,880 - \$78,750

AT A GLANCE

- Pneumatic tubing and electrical wiring on existing installations
- Temperature sensors and indicators
- Pressure and vacuum sensors and indicators
- Oxygen and gas analysis equipment in laboratories
- Moisture and humidity sensing and indicating systems
- Sensors and indicators measuring speed, position, and timing
- Components for X-ray equipment
- Pneumatic or electronic transmitters and data scanning systems
- Closed-circuit television systems
- Monitoring and alarm systems

CAREER ADVANCEMENT / RELATED CAREERS

- **Experienced:** supervisor, company salesperson
- **Further Training Required:** engineering 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

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

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

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