Apprenticeship is a form of post-secondary education like university or college. But there's a big difference. Apprentices not only learn technical skills in a classroom, they receive paid on-the-job training and practical experience with an employer. Apprenticeship Manitoba offers training in over 55 skilled trades leading to certification as a journeyperson in a skilled trade.
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Apprenticeship: How it Works
Learn, Earn and Become Certified

LEARN
As an apprentice, approximately 80 per cent of your time is spent receiving practical, on-the-job training with an employer while 20 per cent of your time will be spent in technical training at a college or technical institute such as Assiniboine Community College, Red River College or University College of the North. Most apprenticeship programs in Manitoba take approximately two to five years to complete.

EARN
Unlike attending university or college, apprenticeship training begins on the job where you receive a wage for your work as you learn. When you are ready to attend the classroom portion of your training, you register for classes through Apprenticeship Manitoba. The majority of your tuition costs are covered by the Manitoba government and Employment Insurance becomes available to you. As you successfully progress through each year or level of your apprenticeship program, your wage for on-the-job training continues to increase and when you graduate, you are eligible to earn journeyman wages.

BECOME CERTIFIED
Through a combination of hands-on training and in-school learning, you will earn a Certificate of Qualification (commonly referred to as “your ticket”) in a skilled trade. This means your expertise and industry-proven skills are formally and financially recognized. With most trades available for a Red Seal endorsed certification, your credentials are recognized across Canada. If you already have experience in a trade but are not certified, you may qualify to have your experience recognized to fast-track your apprenticeship or challenge the certification exam.

When you join Manitoba’s apprenticeship program, you’re signing yourself up for life-long learning and earning potential. With more than 55 trades to choose from, apprenticeship is an important consideration when planning for your post-secondary education and career path.

Did You Know?
The Red Seal Program is Canada’s standard of excellence in the skilled trades.
Most of the 55 plus trade careers in Manitoba offer Red Seal endorsed certification, which means your credentials are recognized across Canada.
Benefits of Apprenticeship
Respect, Opportunity and Good Pay

RESPECT

• Skilled trades play an important role in Canada's knowledge-based economy.
  Trades professionals are involved in every aspect of our day-to-day lives: from building safe, energy-efficient homes, to repairing the vehicles we rely on to get to work and preparing mouth-watering dishes at our favourite restaurants. In our communities, skilled tradespeople get things done.

• Successfully completing an apprenticeship takes intelligence, creativity, dedication, focus and hard work.
  Individual success in skilled trades is based on a strong academic foundation in reading, writing, math, science, critical analysis and communication skills.

• Red Seal endorsed certification can take you anywhere in Canada.
  Like a university or college diploma, your Red Seal certification means your expertise and industry-proven skills are recognized in every province and territory in Canada.

OPPORTUNITY

• Trades are in demand
  More than one million people work in the skilled trades in Canada and that number is growing. The number of people required to fill all skilled-trades positions has been increasing two per cent every year since the early 1990s. Manitoba's 55 plus trades are categorized in four sectors: Industrial, Construction, Transportation and Service.

• Accessible programs
  Getting started on your apprenticeship is easy and accessible. There are no wait lists to start an apprenticeship. Once you’ve decided on the trade you’re interested in, you can find a qualified employer to hire you and register as an apprentice, even if you don’t have any experience. Once you’re employed and ready to attend the classroom portion of your training, refer to the Apprenticeship Manitoba Technical Training Registration Guide for instructions about class registration. If you don’t live in a community where the classroom training is offered, Apprenticeship Manitoba may be able to bring the classroom training to your area, provide you with training in a nearby community, another province or provide you with an e-learning option.

• Career advancement
  As with all careers and post-secondary educations, apprenticeship is just the beginning. As an apprentice, you will learn skills that will last a lifetime and prepare you for a future of continued opportunities for advancement. As a journeyperson these opportunities include supervisory positions to teaching and management positions. It even allows for the possibility of owning your own business.

GOOD PAY

• Minimize student debt
  Apprenticeship training is a very affordable post-secondary opportunity because of the 80/20 rule. With 80 per cent of your time spent making money employed as an apprentice, and your tuition costs for your classroom training heavily subsidized by the provincial government, your student debt load will be much lower than other post-secondary students. Not only that, other federal and provincial tax incentives and scholarship opportunities make apprenticeship an even more attractive option.

• Many trades professionals earn more than the average salary
  With increasing demand for skilled-trades professionals and their services, many trades professionals earn salaries above the national average income.
Myth Busters
Realities of Skilled Trade Careers

WHO SAYS SKILLED TRADES ARE NOT FOR STUDENTS WHO GET GOOD GRADES?

Skilled trades require a strong academic foundation, intelligence, creativity and dedication. Like other post-secondary programs, reading, writing, math, science, critical analysis and communication skills are essential for success. Tradespeople often need to perform a range of complex tasks. Some examples include: reading complicated blue prints, identifying potential volumes of water and the resulting pressure when installing a sewage system for a high rise, analyzing programmable logic controllers for maintenance and repair of on-site technology or calculating weight and distance while operating a crane situated on a 10-storey building.

WHO SAYS UNIVERSITY IS THE ONLY PATH TO A GOOD CAREER?

Like all post-secondary educations, earning your Certificate of Qualification through an apprenticeship is also a ticket to a more secure future. Given the high demand, good pay and travel opportunities, becoming certified in a skilled trade can lead to opportunity for advancement, including teaching, supervisory and management positions or starting your own business.

Statistics Canada reports that tradespeople generally earn a salary approximately six per cent above the national average of all Canadian careers combined. According to Skills Canada, 40 per cent of new jobs in the next two decades will be in the skilled trades.

WHO SAYS ALL SKILLED TRADES ARE DIRTY, NOISY AND PHYSICALLY DEMANDING?

Although the skilled trades will continue to involve hands-on work, not all trades are noisy and physically demanding. Technological advances have changed the day-to-day activities of many trades today. It isn’t uncommon to find tradespeople who work indoors using sophisticated computer equipment and technology. For example, tool and die makers use computer-aided designs to develop new tools, dies and special molds, while automotive service technicians often rely on computers before they work under the hood.

WHO SAYS WOMEN DON’T HAVE THE STRENGTH TO PERFORM IN THE SKILLED TRADES?

Physically demanding work doesn’t necessarily imply strength. Physical work in the trades also requires dexterity, stamina, good eye-hand co-ordination and balance, attributes that both women and men possess.
How do I know if Apprenticeship is for me?
Apprenticeship is for you, if you:

- enjoy learning by doing
- look forward to new challenges every day
- are naturally-skilled at building and repairing things
- enjoy working as part of a team
- want to earn an above-average salary
- want to earn as you learn
- like to be physically active and constantly on the move
- are detail-oriented
- enjoy solving mathematical problems
- have a good imagination and creative flair
- enjoy working with new technologies

Generally, a career in trades requires:

- good literacy skills
- ability to solve problems
- good communication skills
- aptitude for technology
- creativity and imagination
- attention to detail
- mathematical and analytical skills
- co-ordination and dexterity
- visualization of the end product

Most importantly, you need to have PASSION for what you do.
Prepare for Success
Essential Skills

Developing the practical skills, knowledge and experience to succeed in a career in the trades is important. But you must also have basic skills for effective learning during all your apprenticeship training.

Skills in key areas such as reading, math, interpersonal communication and using computers contribute to your success as a student, apprentice and finally, as a journeyperson. If you have been out of school for some time or you feel your learning skills are a bit rusty, here are some steps to help you assess and improve your essential skills.

1. Do a reality check
Think about your school skills. Be honest with yourself. How good is your math? When was the last time you wrote a test? How ready are you to tackle homework? When did you last read a textbook?

2. Inform yourself about what’s required
Do some research on the apprenticeship training program for your trade. What are you good at? What could you use some help with? Talk to representatives from Apprenticeship Manitoba or someone at the college or school you will be attending. What kinds of documents or textbooks will you have to read? What kind of math will you be doing? Then think about how your skills compare to what is needed. Talk to people who have been through technical training to find out what they found easy or difficult. Getting good information can help reduce anxiety.

3. Do some upgrading
Anything you do to refresh your essential skills will help you during your classroom training. If you think you will need extra tutoring, or if you have learning challenges, contact an adult learning or training centre.

4. Plan your time
Don’t leave it to the last minute. Start refreshing your skills at least two or three months before technical training starts. Even doing one or two practice exercises a week can make a difference. If you don’t meet the academic standing, Apprenticeship Manitoba will provide an essential skills assessment and recommend upgrading options.

Did You Know?
aWEST is an essential skills upgrading centre for the trades. If you’re preparing for an exam or certification, or just want to build up your knowledge in one or more of the essential skills used in every workplace and jobsite, then drop in and talk to one of the trades-experienced instructors. The aWEST drop-in centre for the trades is located at 1000 Waverley Street in Winnipeg. More information is available at info@esmanitoba.ca.
People from around the world continue to choose Manitoba as their destination to work, live and play. Manitoba offers a rich and varied geography, abundant natural resources, an enviable standard of living and a diversified, growing economy. Our province also offers support to qualified, skilled, experienced workers to help with immigration, working in Canada or in obtaining recognition of foreign credentials.

**Manitoba START**

Manitoba START provides drop-in settlement services for new Manitobans. This includes information and referrals for orientations, language services and assistance with job readiness and employment success. If you are new to Manitoba and considering beginning an apprenticeship or challenging the trade certification exam based on previous work experience obtained internationally, contact Manitoba START at 204-942-8813 or manitobastart.com

**English Language Requirements**

A good command of the English language is required to enter and successfully complete an apprenticeship program. For most trade programs, a minimum Canadian Language Benchmark Level of 7 or 8 is recommended with some trades requiring level 9. For language service contact Manitoba START at 204-942-8813.

To become trade certified or for certification details, see section on *Post-secondary Apprenticeship* (page 19) or *Skilled Workers and Certification* (page 22).

**Pre-Arrival Information**

Internationally trained skilled workers who would like to become certified in their trade in Manitoba, and currently reside outside of Manitoba, are encouraged to follow the steps below:

1. **Contact and apply for immigration to Manitoba, Canada.** For more information, visit immigratemanitoba.com

2. **Measure your trade skills against the Canadian standard at tradesinfo.ca.** This website will help to determine the comparable trade and certification name in Manitoba, as well as any skill areas that you may need to improve.

3. **Confirm your eligibility and apply to challenge the trade exam as a trade qualifier through Trades Qualification.** For more information, see page 24. Note: If you are not eligible to challenge the exam, the apprenticeship training route may be an option. See page 19 for more information about apprenticeship training eligibility.

4. **Work on your skills!** Ensure that you work on your English skills, Essential Skills and trade related skills which may include working in your trade in Canada*. Receive assistance from organizations listed above including aWest, an essential skills upgrading centre for the trades (wem.mb.ca/awest_essential_skills_for_trades.aspx)

*In order to work in compulsory trades in Manitoba, you must be registered as an apprentice or a certified journeyperson with a Manitoba Certificate of Qualification (or equivalent).
Accredited Programs (Introductory Trades Training)

Apprenticeship Manitoba recognizes trades training offered in many institutions across Manitoba. These institutions include high schools, colleges and private institutions that offer courses providing basic trade-based knowledge and skills instruction.

Students who successfully complete an accredited program at one of these institutions will receive credit for a portion of their required technical training when they register with Apprenticeship Manitoba.

For a list of institutions with courses and programs accredited by Apprenticeship Manitoba, visit manitoba.ca/tce/apprent/apprentice/accredited_programs

Did You Know?
Accredited programs are only one way to start the path towards certification in the trades:

• High school students have the opportunity to earn both high school AND apprenticeship practical training credits at the same time. They can also earn an income while they learn by enrolling in the High School Apprenticeship Program (HSAP). See page 14 for more information.

• Entering a post-secondary apprenticeship program directly guarantees seats for in-school training AND the provincial government subsidizes most of the tuition costs.
High School Apprenticeship Program (HSAP)
Earn While You Learn Before You Graduate

Combine high school instruction with paid, part-time, on-the-job training and receive credit towards apprenticeship and completion of high school requirements.

The High School Apprenticeship Program (HSAP) is available for most Manitoba-designated trades and lets you start your apprenticeship training while you are enrolled in Grade 10, 11 or 12 or an equivalent program.

Apply your on-the-job training hours to continued, full-time apprenticeship training after graduation. Use this opportunity to complete Level 1 practical on-the-job training before high school graduation.

Many students continue their apprenticeship training after high school with the same employer.

• Earn up to eight supplemental academic credits for graduation based on 110 working hours per credit (up to six credits for mature diploma students).

• Get paid more than minimum wage. Employers are responsible for paying students enrolled in the HSAP a regulated wage of minimum wage plus 10 per cent.

• Get hands-on work experience in your trade of interest.

• Obtain an apprenticeship tuition exemption for technical training taken in Manitoba (up to a maximum of four in-school training levels) for every 220 hours of HSAP on-the-job training.

Did You Know?

Combine your practical on-the-job hours obtained through the HSAP with technical in-school hours obtained through an accredited vocational course or program at your school and complete your first level of apprenticeship. This means you could enter Level 2 apprenticeship as soon as you graduate from high school. See page 13 for accredited programs.
How to Start
High School Apprenticeship Program (HSAP)

1 Research your Trade of Interest
HSAP is available in more than 50 designated trades in Manitoba.* To find what interests you most, research different trades, talk to your high school apprenticeship contact, connect with a trade professional and assess your interests, skills, aptitude and the kind of lifestyle you want.

* HSAP eligibility for some trades may vary. An additional work permit from Employment Standards may also be required.

2 Know your Requirements
Eligibility includes:
- minimum 16 years of age
- completion of Grade 9 (including core subjects)
- enrolled in an approved Manitoba Grade 10, 11 or Grade 12 program (including core subjects)*

* Mature diploma students are also eligible and must have completed Manitoba Grade 9 math and English (or their equivalents); or be assessed with current standing in Manitoba Grade 10, 11 or Grade 12 math and Grade 10, 11 or Grade 12 English.

Note: Students who are enrolled in modified (M) courses are eligible for the HSAP. Upgrading, however, may be required to continue the apprenticeship program after high school. To be successful in most trade programs, strong math, science, computer and communication skills are required.

3 Find an Employer to Hire You
Once you have chosen a trade, you must find a certified journeyperson/employer to hire you as a high school apprentice.* Remember that 80 per cent of all job openings are never advertised.

Note: Prospective electrologists, estheticians and hairstylists are required to first be enrolled in, or have successfully completed, training at an accredited institution before they are hired by an employer as a high school apprentice.

* In non-compulsory trades, high school apprentices may also obtain employment with a designated trainer (uncertified tradesperson). To qualify, the Apprenticeship Application must include a Designated Trainer Application form and Work Experience form.

Tips for Finding an Employer
- Speak to your high school apprenticeship contact about businesses in your area that hire apprentices.
- Visit businesses that are in the trade of your interest.
- Consult with joint labour/management training boards and trade associations or unions to see if they know any employers who are looking to hire a high school apprentice.
- Tell everyone you know and everyone you meet that you are looking for an employer.
- Carry a resume with you everywhere. Ask to speak with a manager or supervisor and leave your resume even if they aren’t hiring.
- Get the names and phone numbers of the employers or their managers and supervisors that you’ve contacted. Follow up with them after a couple of weeks. That tells them that you really want the job.
- Scan the classified and want ads in the newspapers and on the internet.
Register as a High School Apprentice and Submit your Application Fee

Once you have found an employer who wants to hire you, you will need to apply as a high school apprentice with Apprenticeship Manitoba. Liaise with your high school guidance counsellor/HSAP school coordinator* or contact the HSAP coordinator at Apprenticeship Manitoba to make sure you meet all the academic requirements. Download or submit your Apprenticeship Application on-line at manitoba.ca/tradecareers.

The following application forms are required:

- The Apprenticeship Application (requires information from the high school apprentice and employer)
- The HSAP Registration Form (school verification form completed by the HSAP coordinator)

* Homeschooling and Non-Funded Independent School Applicants – To obtain academic credit (based on HSAP work experience hours) toward high school graduation, home-schooled students must register with a school for the purpose of an assessment. Otherwise, home-schooled students must be endorsed by the Home School Program of Manitoba and academic credit will not be provided.

* Mature Diploma Applicants - students must also obtain a contact at either the adult learning centre or school (ex: guidance counsellor) who will be responsible for assessing the learning outcomes of, and granting the credits for on-the-job training.

Note: The employer is responsible for providing workplace accident insurance coverage for all employees including apprentices.

Get Paid and Start your Career

After your Apprenticeship Application is approved and your agreement is registered, you will receive a letter of acceptance, permanent pocket card and report of hours (blue book), required to document your practical, on-the-job training hours.

You will work closely with trades professionals, learn the skills of your chosen trade, obtain credit towards both high school and apprenticeship program completion and be paid a regulated wage of minimum wage plus 10 per cent.

Note: You can begin working for an employer prior to the acceptance of the Apprenticeship Application. Applicants may begin to accumulate hours starting from the date the Apprenticeship Application is received at Apprenticeship Manitoba. You can also obtain time credit for hours worked prior to the submission of an Apprenticeship Application. To obtain time credit for previous hours worked, employers must document these hours on the Apprenticeship Application.*

* Under Manitoba legislation for compulsory trades, you can only begin working in your trade and receive credit for hours worked beginning on the date your application has been received at Apprenticeship Manitoba. Employers in compulsory trades should make this part of the standard first-day paper work. See the Trades and Certification Chart on page 56 for a listing of compulsory trades.

Remember to:

- Set up a Work Schedule - Set up a suitable on-the-job/academic timetable with your employer that allows you to attend all your required high school classes.

- Regularly Contact your Apprenticeship Coordinator - Inform the designated HSAP apprenticeship co-ordinator/contact at your school each time you have achieved 110 on-the-job training hours to receive appropriate high school credit.

Apprenticeship Training after High School

Once you receive your high school transcript, submit it to Apprenticeship Manitoba and include the completed report of hours (all hours up to June 30 of your graduation year must be documented). You have 14 days from your graduation date to submit the above documents and receive automatic transfer into the full-time apprenticeship stream. Documents submitted beyond this time frame require additional processing time and may be subject to additional fees.
Post-secondary Apprenticeship Program
Research your Trade of Interest

As with all post-secondary options, choosing a specialty from the more than 50 designated trades in Manitoba isn’t easy. To find what interests you most, research different trades, connect with a trade professional and assess your interests, skills, aptitude and the kind of lifestyle you want. Get a head start by entering the High School Apprenticeship Program (HSAP) or enrolling in an accredited program.

Know your Requirements

Eligibility includes:

- A high school diploma or equivalent for most trades programs*. As many of the trades are technology-based, require calculations and strong people skills, it’s important to have a strong academic foundation with courses in English, math and the sciences. Review your essential skills to ensure you have the skills to succeed in the trade.

* If you do not hold a high school diploma, you qualify as an Access Program Trainee. Upgrading may be required based on a mandatory Essential Skills Assessment. Access Program Trainees will be able to accumulate on-the-job hours however they will not be enrolled in technical in-school training until an Essential Skills Assessment has been undertaken and any gap training has been completed.

- Canadian citizenship or permanent residence status.

Note: A temporary work permit will be accepted in order to begin working as an apprentice however in-school technical training enrolment as an apprentice will not be approved until Canadian citizenship or permanent residency has been established. For more information, contact Citizenship and Immigration Canada at cic.gc.ca or at 1-888-242-2100. The Manitoba Provincial Nominee Program will also be able to help with immigration. Visit immigratemanitoba.com or call 204-945-2806.

If English is not a first language, a Canadian Language Benchmark of Level 7 or 8 is recommended with some trades requiring Level 9.

Transfer Credit: Recognition of Prior Learning (RPL) may be used to identify skills and knowledge that can be credited towards apprenticeship training. This includes credit for previous practical on-the-job training or technical in-school training through HSAP, an accredited vocational course/program or an apprenticeship program in another province/territory.

Did You Know?

Community-delivered training makes apprenticeship accessible for rural and northern communities, including Aboriginal and Hutterian communities.

It allows apprentices to do their on-the-job training in their communities without leaving home to take their classroom training. The communities provide the classroom and shop space, tools and equipment; Apprenticeship Manitoba organizes the instructors. Two mobile training trailers are available to meet training demand in communities that don’t have access to classroom space, tools and equipment.

Community-delivered training opportunities are based on labour demand and available instruction. If your community may benefit from this initiative, please send your request to apprenticeship@gov.mb.ca.
Find an Employer to Hire You

Once you have chosen a trade, you must find a certified journeyperson/employer to hire you as an apprentice.* Approach this task like a job search, knowing that 80 per cent of all job openings are never advertised.

Note: Electrologists, estheticians and hairstylists are required to first be enrolled in, or have successfully completed, training at an accredited institution before they are hired by an employer as an apprentice.

* In non-compulsory trades, apprentices may also obtain employment with a designated trainer (uncertified tradesperson). To qualify, the Apprenticeship Application must include a Designated Trainer Application form and Work Experience form.

Tips for Finding an Employer

• Discover the hidden job market by visiting businesses that are in the trade of your interest.

• Consult with joint labour/management training boards and trade associations or unions to see if they know any employers who are looking for an apprentice.

• Tell everyone you know and everyone you meet that you are looking for a job.

• Carry a resume with you everywhere. Ask to speak with a manager or supervisor and leave your resume even if they aren’t hiring.

• Get the names and phone numbers of the employers and their managers and supervisors that you’ve contacted. Follow up with them after a couple of weeks. That tells them that you really want the job.

• Scan the classified and want ads in the newspapers and on the Internet.

Register as an Apprentice and Submit your Application Fee

Once you have found an employer who wants to hire you, you will need to register as an apprentice with Apprenticeship Manitoba. Complete the Apprenticeship Application which will require information and signatures from both you and your employer. Complete your application online at manitoba.ca/tradecareers.
Get Paid and Start your Career

After your Apprenticeship Application is approved and your agreement is registered, you will receive a letter of acceptance, permanent pocket card and report of hours (blue book) required to document your practical on-the-job training hours. You will work closely with trades professionals, learn the skills of your chosen trade and be paid the regulated apprenticeship wage. A list of trades and their regulated wages is available on the Apprenticeship Manitoba website. After six months of on-the-job training, you will be able to register for technical in-school training and apply for Employment Insurance so you can continue to collect an income while you are going to school.

Once you’ve successfully completed the apprenticeship program requirements, you will receive your Certificate of Qualification. In most trades, achieving 70 per cent or higher on your final exam qualifies you for a Red Seal endorsement. The Red Seal endorsement on your Certificate of Qualification means you are a journeyperson who can practice your trade in any province or territory in Canada. In some trades, an additional permit or licence may be required.

Did You Know?

Begin working for an employer prior to the acceptance of the Apprenticeship Application.

Applicants may begin to accumulate hours starting from the date your application is received at Apprenticeship Manitoba. You can also obtain time credit for hours worked prior to the submission of an Apprenticeship Application. To obtain time credit for previous hours worked, employers must document these hours on the Apprenticeship Application.*

* Under Manitoba legislation for compulsory trades, you can only begin working in your trade and receive credit for hours worked beginning on the date your application has been received at Apprenticeship Manitoba. Employers in compulsory trades should make this part of the standard first-day paper work. See the Trades Certification Requirement Chart for a listing of compulsory trades.
Skilled Workers and Certification

As the labour market becomes more competitive, employers are hiring people with credentials that certify their skills. Obtaining a Certificate of Qualification in a trade has helped many people keep jobs, get promotions or have the ability to keep the apprenticeship system going because they can hire and train apprentices. In addition, for many of the trades, when you have a Certificate of Qualification, you also qualify for a Red Seal endorsement. This means your trade skills and training are recognized in other jurisdictions in Canada.
Understanding Certification and Eligibility to Work

ALREADY CERTIFIED IN CANADA?

Red Seal Certification

If you have a Red Seal endorsed Certificate of Qualification, you can work in your trade anywhere in Canada without any further examination. Under the Agreement on Internal Trade (AIT), if you are entering Manitoba with a Red Seal endorsed certification obtained in another province/territory and it is for a trade that is compulsory in Manitoba*, you will need to submit a Certificate of Recognition Application (no fee) to Apprenticeship Manitoba to obtain formal approval to work in your trade in Manitoba. See section on Credential Recognition below.

Provincial/Territorial and Canadian Forces Certification in a Manitoba Non-Compulsory Trade

If you hold a Certificate of Qualification from a province/territory (non-Red Seal) or Canadian Forces Certificate of Military Achievement (QL5), in a Manitoba non-compulsory trade*, you are eligible to work in Manitoba without further application or examination. However, if you would like to work in a Manitoba compulsory trade, see section on Credential Recognition below.

Provincial/Territorial Certificate Holder for Red Seal Status

If you hold a Certificate of Qualification from a province/territory (non Red Seal, non-compulsory) and the trade has become recognized as a Red Seal endorsed trade, you are eligible to challenge the Red Seal exam if available. Contact Apprenticeship Manitoba for an Exam Application.

Credential Recognition to Work in a Manitoba Compulsory Trade

- If you hold a Red Seal endorsed Certificate of Qualification, provincial/territorial Certificate of Qualification, Canadian Forces Certificate of Military Achievement (QL5), license, registration or other form of official recognition issued by a regulatory authority, you may be eligible to work in a Manitoba compulsory trade* under the Agreement on Internal Trade (AIT). A Certificate of Recognition Application is required. For more information, visit manitoba.ca/tce/apprent/skilledworker/ait.

ALREADY CERTIFIED INTERNATIONALLY?

If you are certified in a country outside of Canada, trade certification in Manitoba is strongly recommended to work in a Manitoba non-compulsory trade as it ensures that you are trained to the provincial/national industry standards.**

To work in a compulsory Manitoba trade, a Certificate of Qualification (or similar) for the trade issued by a regulated authority in Canada is required. To receive trade certification in Manitoba, you may apply through the Trades Qualification Process (see below).

EXPERIENCED BUT NOT CERTIFIED?

Trades Qualification (Exam Challenge)

If you already have a number of years and hours accumulated in a designated trade, but do not hold a Manitoba Certificate of Qualification in that trade, you may qualify to challenge the certification exam to become a certified journeyperson. See page 24 for details.

* For more information about a specific trade and compulsory/non-compulsory trades, see the Designated Manitoba Trades section on page 29.

** An additional permit or licence may be required to work in your trade in Manitoba. For a listing, visit manitoba.ca/tce/apprent/permits
GENERAL REQUIREMENTS FOR CERTIFICATION BASED ON PREVIOUS WORK EXPERIENCE

Know your Requirements

Applicant Status

- Canadian citizens/permanent residents, landed immigrants, internationally experienced trades professionals experienced in countries outside of Canada.

- Individuals with a Canadian Forces Certificate of Military Achievement (QL5) who would like to obtain certification in a Red Seal trade.

Strong essential skills are recommended and if English is not a first language, a Canadian Language Benchmark of Level 7 or 8 is also recommended with some trades requiring Level 9.

Note: Holders of a Red Seal endorsed Certificate of Qualification, provincial/territorial Certificate of Qualification, Certificate of Military Achievement (QL5), license, registration or other form of official recognition issued by a regulated authority in Canada, who are seeking approval to work in a Manitoba compulsory trade do not need to apply under Trades Qualification. Credential recognition may be granted under the Agreement on Internal Trade (AIT). For more information visit, manitoba.ca/tce/apprent/skilledworker/ait.

Experience in a Designated Trade - For each trade, a minimum number of years and hours over a specified length of time is required to qualify*. Since the Trades Qualification exam is based on experience in the scope of the trade, it is necessary for the applicant to demonstrate experience in at least 70 per cent of the scope of the trade as outlined in the Manitoba Trade Regulation. Refer to the requirement chart (see page 56).

* In related trades such as Agricultural Equipment Technician, Heavy Duty Equipment Technician, Truck and Transport Mechanic, Automotive Service Technician, Transport Trailer Technician etc. a Certificate of Qualification in one trade, may apply toward cross-trade credit and eligibility to challenge the related trade certification exam.

Note: If you do not meet the necessary requirements for Trades Qualification, but have some experience in a trade, you may apply for apprenticeship training. Your previous work experience and skills will be assessed through Recognition of Prior Learning (RPL) and your experience will be credited accordingly. This may reduce the overall length of your apprenticeship program.

Internationally Trained Skilled Workers

To assist in the immigration process and obtaining a work permit, international applicants should review section on Pre-Arrival Information (see page 12) and support services for upgrading English skills, Essential skills and trade-related skills.
Apply for Trades Qualification

Complete and submit the following (available at manitoba.ca/tradecareers):

- **Trades Qualification Application** and required application fee.

- **Work Experience Form**
  This form is used to assess experience in the scope of the trade. If weak areas are identified, Apprenticeship Manitoba will recommend learning options available to improve success on the Trades Qualification exam.

- **Employer Letter(s)** on company letterhead from past and present employers outlining:
  - exact dates of employment
  - total hours worked
  - brief description of duties performed

  **Note:** Documents must be submitted in one of the two official languages. If it is not possible to obtain an employer letter(s) due to self-employment, an unknown address or business closure, a self-declaration letter from the applicant outlining the employment details listed above is required.

- **Trade-Related Certificates**

Challenge the Exam

Once your Trades Qualification Application has been reviewed and accepted, you will be able to register for an examination date and location. Exam preparation resources are available under the Skilled Worker section of manitoba.ca/tradecareers. You have four hours to complete a multiple-choice theory examination. You must score 70 per cent or higher on your examination and successfully complete the practical exam (where applicable) to receive a Certificate of Qualification. Internationally trained skilled workers who have pre-qualified for Trades Qualification will be required to write their exams in Manitoba. Special accommodations for exams are available upon request.

Following the exam, Apprenticeship Manitoba will give you a summary of your results. If you fail the exam, the summary will show which areas require improvement and outline application requirements to re-write the exam. If you are not successful after the second attempt, you must take approved upgrading before attempting the exam again. If the exam is not challenged within one year, applicants must re-apply and pay the appropriate fees.
Apprenticeship is a cost-effective choice among post-secondary training options. Apprentices are paid as they learn on the job, and the Manitoba government supports a major portion of their financial training obligations. As a result, apprentices can complete their training with little or no debt. In some cases, employers may also choose to help apprentices with tuition fees and books, making apprenticeship an affordable choice.

**Apprentice Wages**

Apprentices are paid regulated apprenticeship wages based on their level or year of apprenticeship training (Exception: High school apprentices earn a standard regulated wage of minimum wage plus 10 per cent). Apprenticeship wages are calculated using the provincial minimum wage rate and adding a percentage of the journeyperson rate. For example, a Level 1 automotive service technician apprentice makes minimum wage plus 30 per cent, or $10.25 + 30 per cent = $13.08 per hour. The apprenticeship wages increase with each level or year completed. For more information on apprenticeship wages, visit manitoba.ca/tce/apprent/training_wages.

**Financial Assistance**

Financial assistance from the Manitoba government covers the majority of tuition fees for apprentices. In addition, other training support allowances are available through an application process including allowances for child care, commuting, living away from home, travel assistance, disabilities and employment insurance during the technical in-school portion of the training.

If you have questions about your eligibility for training support allowances, contact Employment Manitoba at 1-800-523-4732 or visit manitoba.ca/employment. If you have questions about employment insurance, call Service Canada at 1-800-206-7218 or visit servicecanada.gc.ca.

**Application, Program and Other Fees**

Fees vary based on type of application, program and class length. See Applications and Fee section on page 60.
Grants and Incentives

FOR APPRENTICES AND JOURNEYPERSONS

High School Apprenticeship Program (HSAP) Incentive
HSAP participants are eligible for financial help to offset tuition costs for full-time, post-secondary apprenticeship training following their high school studies. For every 220 hours of on-the-job training obtained as a high school apprentice (up to a maximum of 880 hours), students who transfer into a full-time apprenticeship program with technical training in Manitoba after high school will receive a tuition exemption for one level of in-school training (to a maximum of four levels).

Apprenticeship Incentive Grant
Apprentices (including HSAP apprentices) who have successfully completed their first or second level in good standing in a Red Seal trade are eligible to receive a $1,000 taxable grant to continue their training.

Apprenticeship Completion Grant
Apprentices who complete their certification in a Red Seal trade can qualify for a taxable grant of $2,000.

Manitoba Public Insurance Apprenticeship Grant and Tool Allowance
Apprentices in the motor vehicle body repairer program and the automotive painter program are eligible to receive a $2,000 taxable grant after successful completion of each level of either program. Up to $5,000 is also available to apprentices in these two programs to help cover the cost of purchasing tools.

Tuition Fee Income Tax Rebate
Apprentice graduates are eligible to receive a 60 per cent income tax rebate on eligible tuition fees. This includes personal tuition fee contributions and tuition fee contributions paid for you by the Manitoba government. The Tuition Fee Income Tax Rebate helps support recently certified journeypersons while they live and work in Manitoba.

Tradesperson’s Tools Deduction
Employed tradespersons can deduct up to $500 annually to help cover the cost of new tools necessary to their trades. The tax deduction applies to the total cost of eligible tools, over $1,000, acquired by an employed tradesperson. Tool deductions are also available for apprentice mechanics.

Capital Cost Allowance (CCA)
The CCA is a non-refundable tax deduction. It reduces taxes owed by allowing the cost of business-related assets, such as tools, to be deducted from income over a set number of years. Deductions of up to $500 are available on the cost of tools eligible for the 100 per cent capital cost deduction.

Tuition Tax Credit for Certification Exams
Journeypersons certified through the Trades Qualification process and apprentices who paid a practical exam fee are eligible to claim their exam fee under this federal tax credit.

Journeyperson Business Start Program Grant
Newly certified rural Manitoba journeypersons who have received their certification within the last three years are eligible to receive a grant of up to $2,500 to help cover the cost of starting their own full-time business.

FOR EMPLOYERS

Early Level Apprentice Hiring Incentive (ELA-HI) – Non-Red Seal trades*
This provincial refundable tax credit allows employers in Winnipeg to claim 15 per cent of wages (rural and northern to claim 20 per cent of wages) up to a maximum of $3,000 per year, per apprentice (rural and northern maximum of $4,000 per year, per apprentice), including HSAP apprentices for completing level 1 or 2.

*Employers who are eligible for the Apprenticeship Job Creation Tax Credit (AJCTC) will be able to apply for this fully refundable credit only as a top-up to Manitoba’s high level benefits.

Apprenticeship Job Creation Tax Credit (AJCTC) - Red Seal trades
This is a federal non-refundable tax credit for employers, allowing them to claim 10 per cent of wages paid to apprentices completing level 1 or 2 in Red Seal trades only, up to a maximum of $2,000 per year, per apprentice.

Effective Jan. 1, 2013, AJCTC eligible employers are also eligible to apply for provincial top-up benefits through the provincial ELA-HI.

Advanced Level Apprentice Hiring Incentive (ALA-HI) – All trades
This provincial refundable tax credit allows employers to claim 10 per cent of wages paid to apprentices completing levels 3, 4 and 5, up to a maximum of $5,000 per level, per apprentice.

Journeyperson Hiring Incentive (J-HI)
The Journeypersons Hiring Incentive (J-HI) provides a refundable tax credit to employers of recent apprenticeship program graduates or recently certified journeypersons (through the Trades Qualification process). An eligible employer may earn the tax credit for each of the first two 12-month periods of permanent, full-time employment of journeypersons for work performed in their certified trades, primarily in Manitoba. The credit equals 10 per cent of wages/salary paid to the journeyperson (net of other government assistance) up to $5,000 per 12 months of employment for each journeyperson.
Scholarships and Awards

SCHOLARSHIPS AND AWARDS

Apprenticeship Endowment Fund Bursary

Two annual bursaries are awarded to prospective or current registered apprentices in Manitoba, based primarily on financial need. Applications are available from Apprenticeship Manitoba. There is an annual spring deadline.

Highest Achievement Awards

Each spring, the highest achieving apprentice graduates are honoured in each designated trade. This prestigious event also recognizes the significant contributions that employers make to the success of these graduates. No applications are required.

Apprenticeship Awards of Distinction

Each fall, the Apprenticeship Awards of Distinction gala dinner recognizes the outstanding contributions that employers, journeypersons and instructors make to the Apprenticeship Manitoba training program. It also honours the valued support and commitment of members from the Apprenticeship Provincial Advisory Committees and the Apprenticeship and Certification Board. A call for nominations is circulated annually in spring.

Automotive Industry Scholarship

This annual scholarship helps people who are working on their Red Seal Certification as an automotive service technician, motor vehicle body repairer or motor vehicle body painter. Scholarships are awarded to students at the high school and post-secondary levels. There is an annual spring deadline.

Manitoba Trucking Association (MTA) Apprenticeship Awards

Vehicle Maintenance Council Apprenticeship Award

A $1,000 scholarship will be presented to the MTA member company employee who achieves the highest marks on his or her Level 1 examinations in the Manitoba truck and transport mechanic and to the MTA member company employee who achieves the highest marks on his or her Level 1 apprenticeship program examinations in the Manitoba transport trailer technician apprenticeship program. No applications are required.

Associated Trades Division Apprenticeship Award

A $1,000 scholarship will be presented to the MTA member company employee who achieves the highest marks on his or her Level 2 examinations in the Manitoba truck and transport mechanic and to the MTA member company employee who achieves the highest marks on his or her Level 2 examinations in the Manitoba transport trailer technician apprenticeship program. No applications are required.

Manitoba Wall and Ceiling Association Bursary

The Manitoba Wall and Ceiling Association generates an annual bursary to be awarded to prospective or current apprentice(s) with financial need entering apprenticeship training to obtain certification in the interior system mechanic trade. Applications should be submitted to the Manitoba Wall and Ceiling Association.

For more information, visit manitoba.ca/tradecareers.
Designated Manitoba Trades
Understanding Trade Lingo

What is a designated trade?

Legislation allows each province and territory to designate occupations and trades for apprenticeship under certain conditions. These include: economic demand, industry support, training facilities and available training content. This also means there are specific regulations that outline the standards and conditions of training for specific trades, such as the type of course content and certification. Currently, there are more than 55 designated trades in Manitoba.

WHAT DOES IT MEAN TO BE A CERTIFIED JOURNEYPERSON OR REGISTERED APPRENTICE?

In Manitoba, a certified journeyperson is someone who has a Certificate of Qualification issued by Apprenticeship Manitoba. A registered apprentice is someone who has signed a formal apprenticeship training agreement with his or her employer and has had that apprenticeship agreement registered with Apprenticeship Manitoba.

WHAT IS A COMPULSORY TRADE?

Designated trades are classified as either compulsory or voluntary (non-compulsory). Generally, compulsory occupations require workers to be certified or registered as apprentices to be able to work in that trade. Compulsory trades are noted in the Trades and Certification Requirement Chart.

In a voluntary trade, it is not necessary to be a registered apprentice, or certified, to work. However, with apprenticeship and certification, you have the ability to enhance both your career and earning potential and keep the apprenticeship system strong in Manitoba.

WHAT DOES INTERPROVINCIAL RED SEAL ENDORSED CERTIFICATION MEAN?

The Red Seal Program was established to provide greater mobility across Canada for skilled workers. Through the program, apprentices who have completed their training and are certified journeypersons are able to obtain a Red Seal endorsement on their Certificate of Qualification by successfully completing an Interprovincial Standards Examination. There are almost 50 Red Seal endorsed trades in Manitoba.

The Red Seal Program encourages standards for provincial and territorial apprenticeship training and certification. It allows qualified trades professionals to practise their trade in any province or territory in Canada, where the trade is designated, without having to write further examinations.

As a qualified and certified journeyperson, you can expect to increase your average annual income.
Industrial Trades Sector

- Electric Motor System Technician
- Industrial Electrician
- Industrial Instrument Mechanic
- Machinist
- Power Electrician

- Rig Technician
- Tool and Die Maker
- Water and Wastewater Technician
- Welder
### Electric Motor System Technician  🌟, HS

**Years:** 4  
**Minimum Apprenticeship Annual Wage:** $22,880  
**Average Journeyperson Annual Wage:** $26,208 - $32,760  

An electric motor system technician is someone who tests, rebuilds and repairs electric motors, generators, transformers and controllers.

Electric motor system technicians are employed by electrical repair shops and manufacturing plants.

### Industrial Electrician  🌟, HS, ☢, AL

**Years:** 4  
**Minimum Apprentice Annual Wage:** $26,591  
**Average Journeyperson Annual Wage:** $58,380 - $67,200  

An industrial electrician plans, installs, tests, inspects, troubleshoots and services all types of industrial electrical equipment vital to the operation of commercial and industrial businesses. These include all equipment or components directly or indirectly exposed to electric power, such as motors, generators, pumps, lighting systems and associated electrical and electronic controls. They also do preventive maintenance and keep maintenance records.

Industrial electricians are employed by electrical contractors, government, and maintenance departments in factories, plants or mines.

**Related Organizations:**  
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca  
- Manitoba Electrical League – 204-783-4125; e-mail: dave@meleague.net or judy@meleague.net; web: www.meleague.net  
- Merit Contractors – ph: 204-888-6202; e-mail: hmiller@meritmb.com or val.meritmb@mts.net; web: www.meritmb.com  
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

### Industrial Instrument Mechanic  🌟, HS

**Years:** 4  
**Minimum Apprentice Annual Wage:** $22,880  
**Average Journeyperson Annual Wage:** $71,400 - $78,750  

An industrial instrument mechanic is someone who installs, examines, removes, repairs and/or replaces items such as sensors, indicators, tubing and wiring. They also work on x-ray equipment, closed-circuit television systems, monitoring and alarm systems, gas analysis equipment and other lab equipment.

Industrial instrument mechanics are employed by water sewage treatment plants, mining and large manufacturing companies.

**Related Organizations:**  
- Manitoba Hydro – ph: 204-474-3311; web: www.hydro.mb.ca
**Machinist**, HS

- **Years:** 4
- **Minimum Apprentice Annual Wage:** $23,920
- **Average Journeyperson Annual Wage:** $37,800 - $54,600

Machinists set up and operate a variety of machine tools to precision cut, mill, turn, bore, drill or grind metal and similar materials into parts or products. They study specifications and drawings, calculate dimensions and tolerances, and then measure, set up and manufacture their projects.

You can also train to be a CNC machinist after you complete either your machinist or tool and die certification. A CNC machinist is someone who programs, sets up and operates metal-cutting computer numerical control machines. Machinists are employed in machine shops, rail companies and by metal product, and farm machinery manufacturing and the aerospace industries.

**Related Organizations:**
- Canadian Manufacturers and Exporters (Manitoba) – ph: 204-949-1454; e-mail: mb.reception@cme-mec.ca; web: www.daretocompete.ca
- Canadian Tooling and Machining Association – e-mail: info@ctma.com; web: www.ctma.com
- Machinist and Aerospace Workers International (Manitoba) – ph: 204-988-3111; e-mail: info@iamaw.ca; web: www.iamaw.ca/indexen.php

**Power Electrician**, HS, AL

- **Years:** 4
- **Minimum Apprentice Annual Wage:** $27,040
- **Average Journeyperson Annual Wage:** $57,540 - $65,520

A power electrician is certified to install, test, repair and maintain electrical apparatuses in generating and converter stations and substations. This equipment is used to generate, transmit, distribute and convert electricity. One very important requirement of this trade, in addition to the technical knowledge, is the need to observe and practise safety at all times because of the hazards and dangers associated with electricity. Power electricians work both inside and outside buildings and structures such as thermal and hydraulic generating stations, substations and other utility-owned buildings. Maintenance work takes place on the ground and at various heights requiring bucket-truck or ladder work.

Power electricians are employed by electrical utility companies such as Manitoba Hydro.

**Related Organizations:**
- International Brotherhood of Electrical Workers – e-mail: ibew@hydro.mb.ca; web: www.ibew2034.com
- Manitoba Hydro – ph: 204-474-3311; web: hydro.mb.ca.

**Rig Technician**, HS

- **Years:** 3
- **Minimum Apprentice Annual Wage:** $22,880
- **Average Journeyperson Wage:** $60,000 - $65,000

Rig Technicians operate and maintain drilling rig equipment, systems, pumps and engines.

This includes duties of the motorhand which looks after the engines and other machinery, the derrickhand who assists the driller with equipment maintenance and looks after the pumps and mud system and the driller who monitors and records the progress of the drilling operation, as well as being responsible to develop a well-trained, responsible and safety-conscious crew.

Rig technicians are employed by contractors who own and operate oil and gas well drilling rigs and contract with oil producers to drill wells.

**Related Organizations:**
- The Canadian Association of Oilwell Drilling Contractors – ph: 403-264-4311, e-mail: info@caodc.ca, web: www.caodc.ca
**Tool and Die Maker ✶, HS**

- **Years:** 4
- **Minimum Apprentice Annual Wage:** $23,920
- **Average Journeyperson Annual Wage:** $45,465 - $55,650

A tool and die maker fabricates, repairs and modifies custom-made prototypes and a wide variety of tools, jigs, fixtures, gauges and dies for use in industrial and manufacturing production. Jigs and fixtures are devices that hold work pieces while they are bored, stamped, milled or drilled. Dies are metal forms used to shape metal in stamping and forging operations. You can also train to be a CNC Machinist after you complete your Tool and Die Maker certification. See Machinist on page 33 for more information.

Tool and die makers are employed by aircraft, machinery and farm equipment manufacturers, machine shops and metal fabricator shops.

**Related Organizations:**
- Canadian Manufacturers and Exporters (Manitoba) – ph: 204-949-1454; e-mail: mb.reception@cme-mec.ca; web: www.daretocompete.ca
- Canadian Tooling and Machining Association – e-mail: info@ctma.com; web: www.ctma.com
- Machinist and Aerospace Workers International – (Manitoba) ph: 204-988-3111; e-mail: info@iamaw.ca; web: www.iamaw.ca/indexen.php

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**Water and Wastewater Technician HS, AL,**

- **Years:** 4

<table>
<thead>
<tr>
<th>Role</th>
<th>HS, AL, Years:</th>
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<tbody>
<tr>
<td>Water Distribution Operator</td>
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<td>Water Treatment Operator</td>
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<tr>
<td>Wastewater Collection Operator</td>
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<tr>
<td>Wastewater Treatment Operator</td>
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</table>

- **Minimum Apprentice Average Annual Wage:** $31,200
- **Average Journeyperson Wage:** $40,000 - $50,000

Water and Wastewater Technicians are vital to almost every facet of the water and wastewater industry, ensuring the safety of potable water and the safe processing of wastewater to meet public health, environmental and consumer concerns. The Water and Wastewater trade is comprised of four sub-component trades:

- **Water distribution operators** receive and distribute stores of treated water, read and interpret distribution flow meters as well as operate, maintain and repair pipeline systems and install new distribution systems.
- **Wastewater treatment operators** typically receive samples, test wastewater and maintain pumps. They also operate headworks as well as primary, secondary and tertiary treatment systems, residual handling systems, and disinfection systems.
- **Wastewater collection operators** operate and maintain wastewater collection systems and install new wastewater collection systems.
- **Wastewater treatment operators** monitor intake facilities receiving raw water, sampling as well as testing water. They also maintain pumps and operate the treatment systems.

Water and Wastewater Technicians have completed and performed duties in each of the four sub-component trades and have extensive knowledge of chemistry, biology, hydrology, hydraulics and systems applications.

Employment is found in municipal water and wastewater facilities, environmental departments in mines, and other industries, solid waste management facilities, and in government.

**Related Organizations:**
- Canadian Water and Wastewater Association – ph: (613) 747-0524, e-mail: admin@cwwa.ca, web: www.cwwa.ca
- Manitoba Water and Wastewater Association – ph: 204) 239-6868, e-mail: mwwa@mts.net, web: www.mwwa.net
Welder ✴, HS

Years: 3
Minimum Apprentice Annual Wage: $24,960
Average Journeyperson Annual Wage: $39,312 - $61,152

A certified welder has the knowledge, ability and skills required to lay out, cut, prepare, repair, form, bend, install and join metals using a variety of welding equipment. Since the range of industrial items made of metal is extensive, welders must not only be versatile but also highly skilled.

Welders are employed by boiler and heavy machinery manufacturers, metal fabrication shops, the aerospace industry, transportation companies and welding shops.

Related Organizations:
Canadian Welding Association – e-mail: winnipeg@cws-acs.org; web: www.cwa-acs.org
Canadian Welding Bureau (Manitoba) – ph: 1-800-844-6790; e-mail: info@cwbgroup.org; web: www.cwbgroup.org
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Transportation Trades Sector

- Agricultural Equipment Technician
- Aircraft Maintenance Journeyperson
- Automotive Painter
- Automotive Service Technician
- Diesel Engine Mechanic
- Gas Turbine Repair and Overhaul Technician
- Heavy Duty Equipment Technician
- Marine and Outdoor Power Equipment Technician
- Motor Vehicle Body Repairer (Metal and Paint)
- Railway Car Technician
- Recreation Vehicle Service Technician
- Transport Trailer Technician
- Truck and Transport Mechanic
### Agricultural Equipment Technician  ⭐, HS

**Years:** 4  
**Minimum Apprentice Annual Wage:** $31,200  
**Average Journeyperson Annual Wage:** $41,580 - $56,784

An agricultural equipment technician is certified to service, repair, assemble and maintain any agricultural equipment and attachments used for farming operations. To become an agricultural equipment technician, you must possess a wide range of skilled technical abilities related to the repair and maintenance of agricultural equipment used in farming operations.

Agricultural equipment technicians are employed by farm machine retail and service shops.

**Related Organizations:**
- Agricultural Manufacturers of Canada – e-mail: amc@a-m-c.ca; web: www.a-m-c.ca
- Canada West Equipment Dealers Association – e-mail: info@cweda.ca; web: www.cweda.ca

### Aircraft Maintenance Journeyperson  HS, AL

**Years:** 4  
**Minimum Apprentice Annual Wage:** $23,920  
**Average Journeyperson Annual Wage:** $49,770 - $55,650

An aircraft maintenance journeyperson inspects aircraft, completes aircraft weight and balance reports, tows and taxis aircraft, and troubleshoots and repairs aircraft systems.

Aircraft maintenance journeypersons are employed by passenger and aircraft carriers and in specialty repair shops.

**Related Organizations:**
- Canadian Aviation Maintenance Council – ph: 1-800-448-9715 or 613-727 8272; e-mail: secretariat@camc.ca; web: www.camc.ca
- Central Aircraft Maintenance Engineers Association – ph:204-885-1631; e-mail: camea@mts.net; web: www.camea.ca
Automotive Painter  *, HS

Years: 2  
Minimum Apprentice Annual Wage: $23,920  
Average Journeyperson Annual Wage: $48,750 - $72,000

Motor vehicle body painters sand, fill, prime, finish and paint motor vehicles. They handle exterior trim and hardware, apply decals, transfers and stencils, and clean and maintain spray guns, spray booths and other equipment.

Autobody repair shops, auto dealerships, specialty automobile shops and public transit systems all employ motor vehicle body painters.

Related Organizations:  
Automotive Trades Association, (Manitoba) – ph: 204-475-3235; e-mail: ata@mts.net; web: www.atamb.ca  
Canadian Automotive Repair and Service Council (CARS) – e-mail: jennifer@carscouncil.ca; web: www.cars-council.ca/home.aspx  
Manitoba Motor Dealers Association – ph: 204-985-4200; e-mail: info@mmda.mb.ca; web: www.mmda.mb.ca

Automotive Service Technician  *, HS

Years: 4  
Minimum Apprentice Annual Wage: $23,920  
Average Journeyperson Annual Wage: $36,750 - $49,350

An automotive service technician diagnoses malfunctions in automobiles, buses and trucks and repairs them. They work on all parts of both gas-powered and diesel-powered motor vehicles, perform scheduled maintenance and advise customers on work performed, general vehicle conditioning and future repair requirements. Automotive service technicians also perform safety checks for licensing and insurance.

Potential employers include automotive dealerships, garages, service stations, specialty shops, manufacturers and public transit systems.

Related Organizations:  
Automotive Trades Association, (Manitoba) – ph: 204-475-3235; e-mail: ata@mts.net; web: www.atamb.ca  
Canadian Automotive Repair and Service Council (CARS) – e-mail: jennifer@carscouncil.ca; web: www.cars-council.ca/home.aspx  
Manitoba Motor Dealers Association – ph: 204-985-4200; e-mail: info@mmda.mb.ca; web: www.mmda.mb.ca

Diesel Engine Mechanic  HS

Years: 3  
Minimum Apprentice Annual Wage: $22,880  
Average Journeyperson Wage: $45,000 – $50,000

Diesel engine mechanics diagnose, service, adjust, overhaul and maintain and test diesel engines and related equipment and components as well as related electrical and electronic systems. Much of the heavy equipment used in the construction, transportation and farming industries, such as bulldozers, cranes and tractors are powered by diesel.

Diesel engine mechanics either work in the field or in specialized repair and overhaul shops.

Related Organizations:  
Railway Association of Canada – ph: 613-567-8591, e-mail: rac@railcan.ca, web: www.railcan.ca
Gas Turbine Repair and Overhaul Technician  HS

Years: 2  
Minimum Apprentice Annual Wage: $22,880  
Average Journeyperson Annual Wage: $49,980 – $73,710

A gas turbine repair and overhaul technician works in a facility that has a dedicated engine overhaul, heavy maintenance or repair shop capable of disassembly, inspection and reassembly of internal engine components using engine manuals and engine-specific tooling.

Much of the technician's work is hand work; consequently, manual dexterity and strong manual skills are important. Technicians must be able to use a wide range of hand and power tools.

Gas turbine repair and overhaul technicians are found in various aircraft manufacturing facilities.

Related Organizations:  
Canadian Aviation Maintenance Council – ph: 1-800-448-9715 or 613-727-8272; e-mail: secretariat@camc.ca; web: www.camc.ca

Heavy Duty Equipment Technician  ⭐, HS

Years: 4  
Minimum Apprentice Annual Wage: $31,200  
Average Journeyperson Annual Wage: $41,580 - $56,784

A heavy duty equipment technician is certified to diagnose, troubleshoot, assemble, service, repair and maintain heavy duty equipment. This includes any mobile equipment and attachments used to construct buildings, roads or highways, logging or mining operations, and railway operations.

Heavy construction companies, railways and companies involved in forestry, farming, oil and gas, material handling, landscaping and land clearing all employ heavy duty equipment technicians.

Related Organizations:  
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca  
Manitoba Heavy Construction Association – ph: 204-947-1379; web: www.mhca.mb.ca  
Winnipeg Construction Association – ph: 204-775-8664; e-mail : wca@wpgca.com; web: www.winnipegconstruction.ca

Marine and Outdoor Power Equipment Technician  HS

Years: 3  
Minimum Apprentice Annual Wage: $23,920  
Average Journeyperson Annual Wage: $36,750 - $49,350

A marine and outdoor power equipment technician is certified to repair, service and maintain small gasoline and diesel powered equipment such as outboard and inboard motors, jet drives in boats and personal watercraft (PWC), stern drives, lawn and garden equipment, snowmobiles, all terrain vehicles (ATVs) and similar multi-wheeled vehicles and related trailers.

Marine and outdoor power equipment technicians are employed by equipment distributors, retailers, rental companies, parks and recreation (landscaping maintenance and builders, golf courses, forestry companies) and original equipment manufacturers (OEMs).

Related Organizations:  
Mid-Canada Marine Dealers Association – Ph: 204-864-3062; web: www.midcanadamarinedealers.com
Motor Vehicle Body Repairer (Metal and Paint)  *, HS

Years: 4
Minimum Apprentice Annual Wage: $23,920
Average Journeyperson Annual Wage: $48,750 - $62,048

Motor vehicle body repairers restore the structural integrity of damaged vehicles by straightening frames, fixing minor body damage, removing badly damaged sections and priming and painting all repaired surfaces. As a motor vehicle body repairer, you will also repair and/or replace vehicle glass and interior and exterior components of the vehicle. Duties also include verifying dimensional accuracy, system functions, passenger protection, proper alignment and proper handling.

Employers include autobody repair shops, auto dealerships, specialty automobile shops and public transit systems.

Related Organizations:
Automotive Trades Association, (Manitoba) – ph: 204-475-3235; e-mail: ata@mts.net; web : www.atamb.ca
Canadian Automotive Repair and Service Council (CARS) – e-mail: jennifer@carscouncil.ca; web: www.cars-council.ca/home.aspx
Manitoba Motor Dealers Association – ph: 204-985-4200; e-mail: info@mmda.mb.ca; web: www.mmda.mb.ca

Railway Car Technician  HS

Years: 3
Minimum Apprentice Annual Wage: $22,880
Average Journeyperson Annual Wage: $45,000 – 55,000

Railway car technicians inspect, repair, replace and recondition mechanical or structural components and systems of freight cars and passenger coaches.

These individuals work for railway companies, public transportation companies or rail car repair facilities.

Related Organizations:
Railway Association of Canada – ph: 613-567-8591; e-mail: rac@railcan.ca, web: www.railcan.ca

Recreation Vehicle Service Technician  *, HS, AL

Years: 3
Minimum Apprentice Annual Wage: $23,920
Average Journeyperson Annual Wage: $36,750 - $49,350

Recreation vehicle service technicians are trained to inspect, test, replace and service all systems contained within a recreation vehicle, except for its engine and drive train. They work on systems such as propane, electrical, water, heating, braking, stabilizing and security systems and, therefore, have a broad base of knowledge and many different skills.

RV/mobile home dealerships, repair shops, manufacturers, and RV sites all employ recreation vehicle service technicians.

Related Organizations:
Recreation Vehicle Dealers Association – ph: 204-864-2112; e-mail: rvdamb@mts.net; web: www.manitobarvda.com
Transport Trailer Technician, HS

Years: 3
Minimum Apprentice Annual Wage: $23,920
Average Journeyperson Annual Wage: $51,450 - $64,050

A transport trailer technician is certified to service, repair, assemble and maintain transport trailers used to carry commercial or non-commercial goods as registered under The Highway Traffic Act. They work on all parts and systems of a transport trailer, including framework, body work, suspension, brakes, wheels, electrical, hydraulic, refrigeration and heating.

Transport trailer technicians are employed by fleet repair shops, trailer dealerships and general and specialized repair shops.

Related Organizations:
Manitoba Trucking Association – ph: 204-632-6600; e-mail: info@trucking.mb.ca; web: www.trucking.mb.ca

Truck and Transport Mechanic, HS

Years: 4
Minimum Apprentice Annual Wage: $28,080
Average Journeyperson Annual Wage: $51,450 - $64,050

A truck and transport mechanic is certified to service, repair, assemble and maintain transport trucks and buses, including those with a gross weight of 4,500 kilograms or more. Equipment registered to carry people, equipment or goods on a highway as designated under The Highway Traffic Act, are also included in this certification.

Potential employers include truck and transport dealerships, trucking firms and repair centres.

Related Organizations:
Manitoba Trucking Association – ph: 204-632-6600; e-mail: info@trucking.mb.ca; web: www.trucking.mb.ca
Construction Trades Sector

- Boilermaker
- Bricklayer
- Cabinetmaker
- Carpenter
- Concrete Finisher
- Construction Craft Worker
- Construction Electrician
- Crane and Hoisting Equipment Operator
- Floorcovering Installer
- Gasfitter
- Glazier
- Industrial Mechanic (Millwright)
- Insulator (Heat and Frost)
- Interior Systems Mechanic (Lather)
- Ironworker (Generalist)
- Landscape Horticulturist
- Painter and Decorator
- Plumber
- Pre-Engineered Building Erector
- Refrigeration and Air Conditioning Mechanic
- Roofer
- Sheet Metal Worker
- Sloped Roofer
- Sprinkler System Installer
- Steamfitter-Pipefitter
Boilermaker ✴, HS

Years: 3
Minimum Apprentice Annual Wage: $27,040
Average Journeyperson Annual Wage: $54,600 - $76,440

A boilermaker, after reading and interpreting blueprints, lays out and cuts steel plate and sheet steel, welding them together to construct equipment for boiler units, such as steam drums, air ducts and fans. Boilermakers assemble and install nozzles, rings, fins and trays onto finished units. They also assemble and dismantle hoisting equipment.

Boilermakers are employed by boiler fabrication contractors and manufacturing companies.

Related Organizations:
Canadian Boilermakers Local 555 – ph: 204-987-9200; e-mail: local555@mts.net; web: www.boilermakerslocal555.org

Bricklayer ✴, HS

Years: 3
Minimum Apprentice Annual Wage: $38,688
Average Journeyperson Annual Wage: $34,965 - $43,961

Using properly-selected mortars and precisely-cut stone, bricks, concrete blocks or other materials, bricklayers build interior and exterior walls and paths and apply brick to chimneys and smokestacks. They are also responsible for preparing surfaces to be covered, such as caulking and cleaning, and placing damp proofing and masonry flashing.

Bricklayers are employed by construction companies.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Manitoba Masonry Contractors Association – ph: 204-633-4117; e-mail: harry@euro-can.com; web: www.manitobamasonry.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Cabinetmaker ✴, HS

Years: 4
Minimum Apprentice Annual Wage: $26,000
Average Journeyperson Annual Wage: $36,036 - $50,400

Cabinetmakers produce furniture, cabinetry and architectural millwork from a variety of natural and manufactured materials for both commercial and residential markets. Cabinetmakers use traditional and modern tools and techniques to produce high quality millwork and other wood specialties, including staircases, doors, furniture, moulding, joinery, veneers, inlays and laminates.

Furniture manufacturers, construction companies and custom cabinet shops all employ cabinetmakers.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Manitoba Home Builders Association – ph: 204-925-2560; e-mail: info@homebuilders.mb.ca; web: www.homebuilders.mb.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Carpenter *, HS

Years: 4
Minimum Apprentice Annual Wage: $37,440
Average Journeyperson Annual Wage: $39,270 - $58,863

Carpenters work on a wide variety of tasks associated with building and repairing whole, or parts of, buildings and other structures made of wood, wood substitutes, steel and other materials. Working in all areas of both the private and commercial construction industries, as well as in maintenance and renovations, carpenters crib basements, build house frameworks, walls, roofs and exterior finishes, and install doors, windows, flooring, cabinets, stairs, handrails, panelling, moulding and ceiling tiles. They are also responsible for building concrete forms, scaffolding, bridges, trestles, tunnels, shelters, towers and other structures.

Potential employers include construction companies, carpentry contractors and maintenance departments of large companies.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Manitoba Home Builders Association – ph: 204-925-2560; e-mail: info@homebuilders.mb.ca; web: www.homebuilders.mb.ca
United Brotherhood of Carpenters and Joiners of America (Manitoba) – e-mail: jrowe@council.mb.ca; web: www.carpenters.org
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Concrete Finisher *, HS

Years: 2
Minimum Apprentice Annual Wage: $29,120
Average Journeyperson Annual Wage: $48,048 - $65,520

Concrete finishers plan, prepare, place and finish concrete on many different types of residential, industrial and commercial projects including floors, walls, driveways, sidewalks, streets, highways and airport runways. They understand the properties and types of concrete and apply the proper techniques for the desired finish, using both traditional and contemporary tools. Other projects include restoration and resurfacing of damaged concrete.

Construction companies are the major employers of concrete finishers.

Related Organizations:
Manitoba Heavy Construction Association – ph: 204-947-1379; web: www.mhca.mb.ca
Manitoba Ready-Mix Concrete Association – e-mail: info@mrmca.com; web: www.mrmca.com

Construction Craft Worker *, HS

Years: 2
Minimum Apprentice Annual Wage: $22,800
Average Journeyperson Annual Wage: $27,000 - $45,000

Construction craft workers are responsible for site preparation and cleanup, setting up and removing access equipment, working on concrete and masonry, steel, wood and pre-cast erecting projects. They handle materials and equipment and perform demolition, excavation and compaction activities. They may also be responsible for site security and management of pedestrian and vehicular traffic. They are usually found working on a variety of structures including residential, commercial and industrial buildings, as well as hydroelectric dams, roadways, bridges and railways. In some areas, they may also work on utility, landscape and pipeline projects.

Construction craft workers are mostly found on construction sites and work for private as well as municipal, provincial and federal governments.

Related organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Manitoba Heavy Construction Association – ph: 204-947-1379; web: mhca.mb.ca
Merit Contractors Association – ph: 204-888-6202; e-mail: hmiller@meritmb.com or val.meritmb@mts.net; web: www.meritmb.com
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Construction Electrician ⭐, HS, ♂, AL

Years: 4
Minimum Apprentice Annual Wage: $26,582
Average Journeyperson Annual Wage: $50,820 - $64,000

Construction electricians plan, assemble, install, repair, test and maintain electrical fixtures and systems that provide heat, light, power or control in residential, commercial and industrial buildings. They also troubleshoot and repair or re-install electrical systems. Many specialize in specific types of installations such as new home construction or in the commercial and industrial sectors.

Employers in this industry include electrical contractors, government, railways, mining companies, maintenance departments of large companies and electrical utility companies.

Related Organizations:
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- International Brotherhood of Electrical Workers – e-mail: ibew@hydro.mb.ca; web: www.ibew2034.com
- Manitoba Electrical League – ph: 204-783-4125 in Winnipeg; e-mail: Dave@meleague.net or Judy@meleague.net; web: www.meleague.net
- Merit Contractors – ph: 204-888-6202 in Winnipeg; e-mail: hmiller@meritmb.com or val.meritmb@mts.net; web: www.meritmb.com
- Winnipeg Construction Association – ph: 775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Crane and Hoisting Equipment Operator Specializations:

- Mobile Crane Operator ⭐, HS, ♂, Years: 3
- Boom Truck Hoist Operator HS, ♂, Years: 2
- Tower Crane Operator ⭐, HS, ♂, Years: 2
- Power Generation and Transmission:
  - Mobile Crane Operator* Must be employed with Manitoba Hydro, Years: 3
  - Boom Truck Hoist Operator* Must be employed with Manitoba Hydro, Years: 3

Minimum Apprentice Annual Wage: $33,280
Average Journeyperson Annual Wage: $52,395 - $105,000

A crane and hoisting equipment operator operates and maintains specific types of cranes or draglines that lift, move, position or place machinery, equipment and other large objects. This does not apply to equipment used exclusively for fire fighting or towing motor vehicles. Operators use mobile cranes, boom trucks and tower cranes to lift, move, position, unload and reload materials and equipment at construction sites, on offshore oil rigs, in rail yards, docks and plants.

Construction companies, railways and industrial cargo-handling companies are major employers in the crane and hoisting trade.

Related Organizations:
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Manitoba Hydro – ph: 204-474-311 in Winnipeg; web: hydro.mb.ca
- Operating Engineers of Manitoba – ph: 204-786-8658; e-mail: local987@oe987.mb.ca; web: www.oe987.mb.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

*Manitoba Hydro is the only employer for the crane and hoisting power generation and transmission trades.
Floorcovering Installer ★, HS

Years: 3
Minimum Apprentice Annual Wage: $31,200
Average Journeyperson Annual Wage: $38,220 - $49,140

Floorcovering installers assess, prepare, plan, repair, remove and install all kinds of floorcoverings such as carpet, resilient flooring, wood flooring and associated trim.

Major employers include construction companies and sub-contractors as well as floorcovering retail and wholesale outlets.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Manitoba Home Builders Association – ph: 204-925-2560; e-mail: info@homebuilders.mb.ca; web: www.homebuilders.mb.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Gasfitter HS, AL

Years: 4 (Domestic Gasfitter or “B” Licence prerequisite required)
Domestic Gasfitter HS, AL, Years: 2

Minimum Apprentice Annual Wage: $34,320
Average Journeyperson Wage: $55,000 – $60,000

Gasfitters install, inspect, repair and maintain gas lines and gas equipment such as meters, regulators, heating units and appliances in residential, commercial and industrial establishments. This also includes testing and replacing defective equipment, attending to gas-escape calls and assisting in the investigation of gas fires and explosions, advising clients on safety features and maintenance of gas units, converting cars or appliances to use natural gas fuels, preparing work reports, reading and interpreting drawings and blueprints.

There are two types of gasfitters based on the licence they obtain;
a. Gasfitter - works on all equipment, commonly referred to as Commercial / Industrial
b. Domestic Gasfitter - works on equipment with up to and including 400,000 BTUs (British thermal units)

Gasfitters are employed by gas utility companies and gas servicing companies and also work in new home building and renovation, heavy industrial, and institutional and commercial construction sectors.

Note: Although Gasfitter and Domestic Gasfitter have recently been designated as a Red Seal endorsed trade, Red Seal examination will not be available in Manitoba until 2015. Beginning 2012, apprentices in the trade, will be eligible to receive the Service Canada Apprenticeship Incentive Grant if they have completed their level requirements.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca, web: www.carm.ca
Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
Merit Contractors – ph: 204-888-6202 in Winnipeg; e-mail: hmiller@meritmb.com or val.meritmb@mts.net; web: www.meritmb.com
Plumbers and Pipefitters Union Local 254 – ph: 204-947-0497; web: www.ualocal254.ca
The Heating, Refrigeration and Air Conditioning Institute of Canada – ph: 204-633-0531; e-mail: hraimail@hrai.ca; web: www.hrai.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Glazier 🌟, HS

Years: 4
Minimum Apprentice Annual Wage: $32,198
Average Journeyperson Annual Wage: $32,762 - $54,600

A glazier cuts, prepares, fabricates and handles all glass materials for buildings and fixtures of all types. They set, attach, install and remove glass, and install and attach architectural metals or related substitutes in commercial and residential buildings.

Major employers include commercial and residential construction companies, architectural glass firms, interior design firms, retail glass shops and contract glass shops.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Industrial Mechanic (Millwright) 🌟, HS

Years: 4
Minimum Apprentice Annual Wage: $33,280
Average Journeyperson Annual Wage: $49,424 - $60,900

An industrial mechanic, also known as a millwright, installs, tests, removes, repairs and services a wide variety of industrial machinery and equipment. Industry depends on industrial mechanics to install machinery and keep important equipment running smoothly and efficiently. Industrial mechanics read blueprints, drawings and manuals to determine repairs and work procedures and perform preventative and operational maintenance.

Industrial mechanics are employed by construction contractors, mining and manufacturing companies and pulp and paper mills.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Insulator (Heat and Frost) 🌟, HS

Years: 4
Minimum Apprentice Annual Wage: $32,198
Average Journeyperson Annual Wage: $37,128 - $54,600

Heat and frost insulators read and interpret drawings and specifications to determine the requirements, amount and type of materials for any specific project. They measure, cut, fit, install and secure insulation in the required area, and remove or seal off old asbestos insulation.

Potential employers include construction companies, insulation companies and industrial plants.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
International Association of Heat and Frost Insulators and Allied Workers Local 99 – ph: 204-694-0726; web: www.insulators.org
Landscape Manitoba – ph: 204-736-2517; web: www.landscapemanitoba.com
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
**Interior Systems Mechanic (Lather) ✩, HS**

*Years: 4*
*Minimum Apprentice Annual Wage: $22,880*
*Average Journeyperson Annual Wage: $40,110 - $54,600*

Interior systems mechanics install and apply lath, stucco wire, frameworks, vapour barrier, sound baffling, shielding, thermal and sound insulation, and access flooring systems to nearly all parts of the interior and exterior of a house or building. They also install decorative finishes and accessories.

Interior system mechanics usually work indoors in new construction, renovation and repair projects in the residential, commercial, institutional and industrial construction sectors.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Manitoba Wall and Ceiling Association – ph: 204-772-1700; web: www.mwca.ca
- United Brotherhood of Carpenters and Joiners of America, (Manitoba) – ph: 204-774-1609; e-mail: jrowe@council.rmb.ca; web: www.carpenters.org
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

**Ironworker (Generalist) ✩, HS**

*Years: 3*
*Minimum Apprentice Annual Wage: $41,600*
*Average Journeyperson Annual Wage: $39,690 - $61,000*

Ironworkers are skilled tradespeople with a range of skills. They erect structural steel components, reinforce steel, post tension tendons, install conveyors and robotic equipment and perform reconstructive work on existing structures and bridges. The full range of tasks as an ironworker includes planning and co-ordination of equipment, materials and human resources; construction and demolition of structures; and storage and inventory of materials and equipment.

Construction contractors, insulation contractors, and industrial plants are major employers of ironworkers.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- International Association of Bridge, Structural, Ornamental and Ironworkers (Manitoba) – ph: 204-783-7853; e-mail: ironworkers728@mts.net; web: www.ironworkers728.com
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

**Landscape Horticulturist ✩, HS**

*Years: 3*
*Minimum Apprentice Annual Wage: $23,920*
*Average Journeyperson Annual Wage: $33,894 - $54,600*

Landscape horticulturists design, construct, install and maintain landscaping. Projects include walkways, fences, decks, outbuildings, and irrigation systems. Responsibilities include maintaining inventory and facilities in greenhouses and garden retail centres and advising customers and clients on plants, plant materials, pesticides, fertilizers and other landscaping products.

Landscape construction companies, nurseries, greenhouses, garden centres, yard and tree care companies, golf courses, public parks and other horticulture and gardening-related fields are major employers of landscape horticulturists.

**Related Organizations:**
- Canadian Nursery Landscape Association (Manitoba) – ph: 204-889-5981; e-mail: info@canadanursery.com; web: www.canadanursery.com
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Landscape Manitoba – ph: 204-736-2517; web: www.landscapemanitoba.com
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Painter and Decorator ★, HS

Years: 3
Minimum Apprentice Annual Wage: $29,120
Average Journeyperson Annual Wage: $40,110 - $54,600

Responsibilities of painters and decorators include blending and mixing paints, creating colour schemes, and using a variety of techniques to paint a wide range of surfaces. They also work with neutralizing agents, putty, varnish, lacquer, and stipple-texturing, and match and apply fabric or vinyl products to ceilings and walls.

Potential employers include construction contractors, building maintenance firms and painting contractors.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
International Union of Painters and Allied Trades – ph: 204-943-2497; e-mail: iupat@mts.net; web: www.iupat739mb.ca
Manitoba Home Builders Association – ph: 204-925-2560; e-mail: info@homebuilders.mb.ca; web:www.homebuilders.mb.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Plumber ★, HS, AL

Years: 5
Minimum Apprentice Annual Wage: $32,864
Average Journeyperson Annual Wage: $47,502 - $64,050

Plumbers plan, install, maintain, inspect and repair plumbing systems, fixtures, equipment and controls in residential and commercial buildings. Some plumbers install piping systems in new home construction, commercial, industrial and public buildings. Others are experts in the retrofitting, repair and maintenance of existing systems. In smaller communities, plumbers generally do a wider variety of plumbing and related tasks, including installing private sewage disposal systems and potable (drinking) water distribution systems. Plumbers must be able to read blueprints and project specifications to determine the layout for the plumbing and other materials. They may work with pipes made from iron, steel, lead, copper, plastic, glass and cement and need to know the particular characteristics of the substances being carried in the pipes.

Construction companies, heating and plumbing contractors, and maintenance departments of plants, factories, governments and schools are all major employers of plumbers.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca, web: www.carm.ca
Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
Merit Contractors – ph: 204-888-6202; e-mail: hmiller@meritmb.com or val.meritmb@mts.net; web: www.meritmb.com
Plumbers and Pipefitters Union Local 254 – ph: 204-947-0497; web: www.ualocal254.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

Pre-Engineered Building Erector HS

Years: 2
Minimum Apprentice Annual Wage: $22,880
Average Journeyperson Wage: $40,000 - $50,000

Pre-engineered building erectors fabricate, construct and join scaffolding, and erect pre-engineered buildings. They are limited to work on one-storey, steel framed buildings generally referred to pre-engineered buildings.

Most pre-engineered building erectors are employed by a variety of construction contractors.

Related Organizations:
Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
Merit Contractors Association – ph: 204-888-6202; e-mail: hmiller@meritmb.com; web: www.meritmb.com
Metal Building Contractors and Erectors Association – web: www.mbcea.ca
Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Refrigeration and Air Conditioning Mechanic

**Residential**

- HS, ☼, Years 4

**Commercial**

- ☼, HS, ☼, Years: 5

Minimum Apprentice Annual Wage: $31,928  
**Average Journeyperson Annual Wage: $49,140 - $60,690**

In Manitoba, you can train to be a commercial refrigeration and air conditioning mechanic OR a residential refrigeration and air conditioning mechanic. Mechanics in this trade install, repair, service, replace and maintain a variety of air conditioning and heating equipment, as well as ventilation and air exchange systems. Commercial mechanics work in buildings such as apartments, restaurants, hospitals and ice rinks. Residential mechanics work in private residences.

Major employers include air conditioning contractors, refrigeration equipment dealers, truck transportation firms and storage warehouses.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
- Plumbers and Pipefitters Union Local 254 – ph: 204-947-0497; web: www.ualocal254.ca
- The Heating, Refrigeration and Air Conditioning Institute of Canada – ph: 204-633-0531; e-mail: hraimail@hra.ca; web: www.hrai.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

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**Roofer ☼, HS**

- Years: 3  
- Minimum Apprentice Annual Wage: $29,286  
- **Average Journeyperson Annual Wage: $30,975 - $45,150**

Roofers estimate, prepare, repair and replace flat and sloped roofs. Roofers also install vapour barriers and insulation.

Potential employers include general contractors and roofing companies or roofers may be self-employed.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Manitoba Home Builders Association – ph: 204-925-2560; e-mail: info@homebuilders.mb.ca; web: www.homebuilders.mb.ca
- Roofing Contractors Association – ph: 204-783-6365; web: www.rcam.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

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**Sheet Metal Worker ☼, HS**

- Years: 4  
- Minimum Apprentice Annual Wage: $33,862  
- **Average Journeyperson Annual Wage: $46,675 - $57,960**

After reading blueprints and orders, sheet metal workers lay out, cut, shape and finish sheet metal using hand and power tools and join the sheet metal using welding tools, rivets, screws and folding.

Potential employers include bus, farm equipment and aircraft manufacturers; metal fabrication shops and railways; air conditioning and heating contractors in residential, commercial and industrial construction; roofing contractors.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
**Sloped Roofer  HS**

Years: 2  
Minimum Apprentice Annual Wage: $23,000  
**Average Journeyperson Annual Wage: $24,000 – $37,000**

Sloped Roofers install, replace and repair sloped roofs (ex: shingles, asphalt, metal, tile, wood, slate, composite and rolled product roofing) in order to shed water. Sloped Roofers also install attic ventilation systems, flashing and can also install roof accessories, such as brackets and skylights.

Sloped Roofers may be employed by general contractors, roofing companies or they may be self-employed.

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**Sprinkler System Installer  ⚠, HS, ☑**

Years: 4  
Minimum Apprentice Annual Wage: $35,630  
**Average Journeyperson Annual Wage: $60,900 - $73,710**

A sprinkler system installer installs and maintains water, foam, carbon dioxide and dry chemical fire protection systems in buildings. Duties include reading drawings and specifications; planning system layouts; preparing written cost estimates; and communicating with customers.

Mechanical construction firms, plumbing contractors, heating and air-conditioning companies, and building developers all employ sprinkler system installers.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
- Plumbers and Pipefitters Union Local 254 – ph: 204-947-0497; web: www.ualocal254.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca

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**Steamfitter-Pipefitter  ⚠, HS, ☑, AL**

Years: 5  
Minimum Apprentice Annual Wage: $26,291  
**Average Journeyperson Annual Wage: $49,980 - $73,710**

Steamfitter-pipefitters fabricate and maintain piping systems used to carry gases, liquids and solids of all types. They work in many industrial settings, from manufacturers to water treatment plants. Duties include interpreting blueprints and drawings; sketching fabrication details; and working to codes and specifications.

Potential employers include pipeline and general construction contractors, thermal or steam generating plants, manufacturers, hospitals, schools, chemical plants, pulp mills and oil refineries.

**Related Organizations:**
- Construction Association of Rural Manitoba – ph: 204-727-4567; e-mail: carm@westman.wave.ca; web: www.carm.ca
- Mechanical Contractors Association – ph: 204-774-2404; e-mail: mcac@mcac.ca; web: www.mcac.ca
- Plumbers and Pipefitters Union Local 254 – ph: 204-947-0497; web: www.ualocal254.ca
- Winnipeg Construction Association – ph: 204-775-8664; e-mail: wca@wpgca.com; web: www.winnipegconstruction.ca
Service Trades Sector

- Cook
- Electrologist
- Esthetician
- Hairstylist
- Partsperson
- Pork Production Technician
TRADE OVERVIEWS

LEGEND:

🌟 = Red Seal trade
HS = High School Apprenticeship Program available
💰 = Compulsory Certification trade
AL = Additional licencing required

Cook 🌟, HS

Years: 3
Minimum Apprentice Annual Wage: $24,960
Average Journeyperson Annual Wage: $27,762 - $43,575

Cooks plan menus, prepare a variety of foods according to health and safety regulations and manage commercial kitchens. While specific duties vary depending on the establishment, cooks generally prepare meals and are responsible for food costing, safety and sanitation. Cooks also supervise kitchen helpers and food preparation personnel in food preparation, cooking and handling. Respect for diets due to culture, health or religion is important.

Restaurants, cafeterias, hotels, hospitals and health care institutions, schools, food commissaries, clubs and resorts are all major employers.

Related Organizations:
Canadian Culinary Federation, Manitoba – web: www.winnipegchefs.org
Manitoba Restaurant and Food Services Association – ph: 204-783-9955; e-mail: info@mrfa.mb.ca; web: www.mrfa.mb.ca

Electrologist HS, 🌟, AL

Years: 1
Minimum Apprentice Annual Wage: $22,880
Average Journeyperson Annual Wage: $26,901 - $37,500

Electrologists perform pre-epilation (pre-hair removal) treatments, electrolysis using galvanic and/or short-wave currents, and post-epilation (post-hair removal) treatments to remove unwanted hair for clients. Electrologists consult with clients to determine the treatment needed and to outline any risks. They also sterilize equipment and keep their work areas clean and sanitary, sometimes performing reception and management duties.

In addition to a provincial certification-theory examination, electrologists must also complete a practical examination.

Potential employers include beauty shops, esthetics salons and spas.

Related Organizations:
Canadian Allied Beauty Association – web: www.abacanada.ca
Manitoba Electrologist Association – ph: 204-204-476-5034; e-mail: mdrq@xplornet.com; web: www.meai.org
**Esthetician HS, CC, AL**

**Years:** 2

- **Nail Technician HS, CC, AL, Years: 1**
- **Skin Care Technician HS, CC, AL, Years: 2**

**Minimum Apprentice Annual Wage:** $22,880  
**Average Journeyperson Annual Wage:** $26,901 - $37,500

The esthetician trade is comprised of two sub-trades: nail technician and skin care technician. Nail technicians perform manicures and pedicures and apply artificial nail products. Skin care technicians perform body treatments, facial treatments, make-up applications, depilatory hair removal, and lash and brow tint services. Estheticians have completed and performed services in both sub-trades.

In addition to a provincial certification-theory examination, estheticians must also complete a practical examination.

Estheticians work in beauty shops, esthetics salons and spas.

**Related Organizations:**
- Canadian Allied Beauty Association – web: www.abacanada.ca

**Hairstylist *, HS, CC, AL**

**Years:** 2

- **Minimum Apprentice Annual Wage:** $22,880  
- **Average Journeyperson Annual Wage:** $27,762 - $47,250

Hairstylists use a range of specialty equipment and products to cut, style, colour and chemically treat hair. Duties also include treating the hair, scalp and related skin conditions. Classroom instruction includes developing a working knowledge of workplace health and safety, as well as personal and public hygiene.

Hairstylists enjoy working with, and meeting people. They need to be able to stand for long periods of time, maintain a well-groomed and professional appearance, and keep up-to-date with styles, supplies and technologies.

In addition to a Red Seal endorsed certification-theory examination, hairstylists must also complete a practical examination.

Employers include salons, hair replacement clinics, studios and retail product sales companies.

**Related Organizations:**
- Canadian Allied Beauty Association – web: www.abacanada.ca
- Manitoba Hairstylists Association – ph: 204-775-8633; e-mail: info@manitobahairstylists.com; web: www.manitobahairstylists.com
Partsperson, HS

Years: 3
Average Apprenticeship Annual Wage: $22,880
Average Journeyperson Annual Wage: $29,400 - $48,048

Partspersons manage and sell parts for vehicles, appliances, machinery and equipment. They are responsible for maintaining parts storage systems, ordering parts for sale, tracking inventory, receiving orders and ensuring they are filled accurately. Partspersons also price parts and assist both the general public and other tradespeople in finding the parts they need.

Employers include dealerships, service shops, tool cribs, warehouses and parts distribution outlets.

Related organizations:
Automotive Trades Association Manitoba Inc. – ph: 204-475-3235; e-mail: ata@mts.net; web: www.atamb.ca
Canadian Automotive Repair and Service Council – ph: 613-798-0500; e-mail: jennifer@carscouncil.ca; web: www.cars-council.ca

Pork Production Technician, HS

Years: 2
Minimum Apprentice Annual Wage: $22,880
Average Journeyperson Annual Wage: $33,600 - $39,720

Pork production technicians are certified to handle and care for pigs in the breeding, farrowing, nursery and finishing stages of pork production. Overall duties include caring for the breeding herd and growing pigs in their development from birth to market, including feeding, watering, care, stockmanship, and keeping a safe and sanitary barn environment.

Pork production technicians are employed in specialized farms.

Related Organizations:
Canadian Swine Breeders Association – e-mail: canswine@canswine.ca; web: www.canswine.ca
Manitoba Pork Council – ph: 204-237-7447; e-mail: info@manitobapork.com; web: www.manitobapork.com
# Trades & Certification

## Apprenticeship Training Requirements

<table>
<thead>
<tr>
<th>Trade</th>
<th>Length (Minimum Years)</th>
<th>Level Requirements</th>
<th>Total Hours/Year (on-the-job and school hours required for level completion)</th>
<th>Technical Training/Year (in-school weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Industrial</strong></td>
<td></td>
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</tr>
<tr>
<td>Electric Motor System Technician</td>
<td>4</td>
<td>1,500</td>
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</tr>
<tr>
<td>Industrial Electrician</td>
<td>4</td>
<td>1,800</td>
<td></td>
<td>10-10-10-10</td>
</tr>
<tr>
<td>Industrial Instrument Mechanic</td>
<td>4</td>
<td>1,600</td>
<td></td>
<td>10-10-10-10</td>
</tr>
<tr>
<td>Machinist</td>
<td>4</td>
<td>1,800</td>
<td></td>
<td>9-8-8-4</td>
</tr>
<tr>
<td>CNC Machinist (Machinist or Tool &amp; Die prerequisite required)</td>
<td>1</td>
<td>1,800</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Power Electrician</td>
<td>4</td>
<td>1,600</td>
<td></td>
<td>10-10-10-10</td>
</tr>
<tr>
<td>Rig Technician</td>
<td>3</td>
<td>1,620</td>
<td></td>
<td>4-4-4</td>
</tr>
<tr>
<td>Tool &amp; Die Maker</td>
<td>4</td>
<td>1,800</td>
<td></td>
<td>9-8-8-9</td>
</tr>
<tr>
<td>Water and Wastewater Technician (requires successful completion of each of four subcomponent trades)</td>
<td>4 (1+1+1+1)</td>
<td>800</td>
<td></td>
<td>dependent on order of subcomponent trade taken</td>
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<tr>
<td>* Water Distribution Operator*</td>
<td>1</td>
<td>800</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>* Water Treatment Collection Operator*</td>
<td>1</td>
<td>800</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>* Wastewater Collection Operator*</td>
<td>1</td>
<td>800</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>* Wastewater Treatment Operator*</td>
<td>1</td>
<td>800</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>* Operator in Trainer License required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Welder</td>
<td>3</td>
<td>1,600</td>
<td></td>
<td>8-8-8</td>
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<tr>
<td><strong>Transportation</strong></td>
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<tr>
<td>Agricultural Equipment Technician</td>
<td>4</td>
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<td>8-8-6-4</td>
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<tr>
<td>Aircraft Maintenance Journeyperson</td>
<td>4</td>
<td>1,800</td>
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<tr>
<td>Automotive Painter</td>
<td>2</td>
<td>1,800</td>
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<td>6-5</td>
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<tr>
<td>Automotive Service Technician</td>
<td>4</td>
<td>1,800</td>
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<td>8-8-6-6</td>
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<tr>
<td>Diesel Engine Mechanic</td>
<td>3</td>
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<td>9-7-6</td>
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<tr>
<td>Gas Turbine Repair &amp; Overhaul Technician</td>
<td>2</td>
<td>1,800</td>
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<td>12-18</td>
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<tr>
<td>Heavy Duty Equipment Technician</td>
<td>4</td>
<td>1,800</td>
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<tr>
<td>Marine and Outdoor Power Equipment Technician</td>
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<td></td>
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<tr>
<td>Motor Vehicle Body Repairer (Metal &amp; Paint)</td>
<td>4</td>
<td>1,800</td>
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<td>7-7-7-6</td>
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<tr>
<td>Railway Car Technician</td>
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<td>9-9-9</td>
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<tr>
<td>Recreation Vehicle Service Technician</td>
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<td>1,600</td>
<td></td>
<td>8-8-8</td>
</tr>
<tr>
<td>Transport Trailer Technician</td>
<td>3</td>
<td>1,800</td>
<td></td>
<td>8-8-8</td>
</tr>
<tr>
<td>Truck &amp; Transport Mechanic</td>
<td>4</td>
<td>1,800</td>
<td></td>
<td>8-8-6-4</td>
</tr>
</tbody>
</table>
### TRADES QUALIFICATION REQUIREMENTS (MINIMUM EXPERIENCE REQUIRED)

<table>
<thead>
<tr>
<th>Trade Description</th>
<th>Minimum years experience required (within last 10 years)</th>
<th>Minimum hours experience required</th>
<th>Practical Exam Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Electric Motor System Technician</td>
<td>4</td>
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<tr>
<td>CNC Machinist (Machinist or Tool &amp; Die prerequisite required)</td>
<td>1.5 (in last 3 years)</td>
<td>2,700</td>
<td>10</td>
</tr>
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</tr>
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</tr>
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<td>8-8-6-4</td>
</tr>
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<td>9-9-9</td>
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<td>4</td>
<td>1,800</td>
<td>8-8-6-4</td>
</tr>
</tbody>
</table>

### LEGEND

- ⭐ Red Seal trade
- ⚠️ Compulsory apprenticeship or a Certificate of Qualification is required to work in these trades
- ☠️ Out-of-province technical training
- 🔔 Enrollment in, or completion of technical training is required before starting an apprenticeship
- ⚠️ Most employment options are with Manitoba Hydro
- ⚠️ Used towards final federal certification as an Aircraft Maintenance Engineer

Note: Trade and certification requirements are subject to change. Visit manitoba.ca/tradecareers for the most up-to-date information.
### Apprenticeship Training Requirements

<table>
<thead>
<tr>
<th>Trade</th>
<th>Length</th>
<th>Level Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Minimum Years)</td>
<td>Total Hours/Year (on-the-job and school hours required for level completion)</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
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<td></td>
</tr>
<tr>
<td>Boilermaker</td>
<td>3</td>
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</tr>
<tr>
<td>Bricklayer</td>
<td>3</td>
<td>1,600</td>
</tr>
<tr>
<td>Cabinetmaker</td>
<td>4</td>
<td>1,600</td>
</tr>
<tr>
<td>Carpenter</td>
<td>4</td>
<td>1,800</td>
</tr>
<tr>
<td>Concrete Finisher</td>
<td>2</td>
<td>1,800</td>
</tr>
<tr>
<td>Construction Craft Worker</td>
<td>2</td>
<td>1,800</td>
</tr>
<tr>
<td>Construction Electrician</td>
<td>4</td>
<td>1,800</td>
</tr>
<tr>
<td>Crane and Hoisting Equipment Operator</td>
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<td></td>
</tr>
<tr>
<td>• Mobile Crane Operator</td>
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<td>1,700</td>
</tr>
<tr>
<td>• Boom Truck Hoist Operator</td>
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<td>1,250</td>
</tr>
<tr>
<td>• Tower Crane Operator</td>
<td>2</td>
<td>1,500</td>
</tr>
<tr>
<td>• PGT: Mobile Crane Operator</td>
<td>3</td>
<td>300</td>
</tr>
<tr>
<td>• PGT: Boom Truck Hoist Operator</td>
<td>3</td>
<td>300</td>
</tr>
<tr>
<td>Gasfitter (requires successful completion of Domestic Gasfitter or &quot;B&quot; Licence)</td>
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<tr>
<td>• Domestic Gasfitter</td>
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</tr>
<tr>
<td>Floorcovering Installer</td>
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</tr>
<tr>
<td>Glazier</td>
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<td>1,800</td>
</tr>
<tr>
<td>Industrial Mechanic (Millwright)</td>
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<td>1,600</td>
</tr>
<tr>
<td>Insulator (Heat &amp; Frost)</td>
<td>4</td>
<td>1,500</td>
</tr>
<tr>
<td>Interior Systems Mechanic (Lather)</td>
<td>4</td>
<td>1,800</td>
</tr>
<tr>
<td>Ironworker (Generalist)</td>
<td>3</td>
<td>1,800</td>
</tr>
<tr>
<td>Landscape Horticulturist</td>
<td>3</td>
<td>1,700</td>
</tr>
<tr>
<td>Painter &amp; Decorator</td>
<td>3</td>
<td>1,800</td>
</tr>
<tr>
<td>Plumber</td>
<td>5</td>
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<tr>
<td>Pre-Engineered Building Erector</td>
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<tr>
<td>Refrigeration &amp; Air Conditioning Mechanic</td>
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<td>• Commercial</td>
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<td>• Residential</td>
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<tr>
<td>Roofer</td>
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<tr>
<td>Sheet Metal Worker</td>
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<td>Sloped Roofer</td>
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<tr>
<td>Sprinkler System Installer</td>
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<tr>
<td>Steamfitter - Pipefitter</td>
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<tr>
<td><strong>Service Trades</strong></td>
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<tr>
<td>Cook</td>
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<tr>
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<tr>
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<td>• Skin Care Technician</td>
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<td>Minimum years experience required</td>
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<td>Practical Exam Required</td>
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<td>3 (in the last 5)</td>
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**Legend**

- Red Seal trade
- Compulsory apprenticeship or a Certificate of Qualification is required to work in these trades
- Out-of-province technical training
- Enrollment in, or completion of technical training is required before starting an apprenticeship
- Most employment options are with Manitoba Hydro
- Used towards final federal certification as an Aircraft Maintenance Engineer

Note: Trade and certification requirements are subject to change. Visit manitoba.ca/tradecareers for the most up-to-date information.
Applications and Fees

Apprenticeship Manitoba applications are available at manitoba.ca/tradecareers; or call 204-945-3337, toll-free in Manitoba 1-888-978-7233.

**GENERAL APPLICATION AND LICENCE / PERMIT FEES ISSUED BY APPRENTICESHIP MANITOBA**

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>** Apprenticeship Application (including change of trade and change of employer)**</td>
<td>$50</td>
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<tr>
<td>Temporary Permit</td>
<td>$15</td>
</tr>
<tr>
<td>Renewable Endorsement on Certification (Authorization to Practise)</td>
<td>$75</td>
</tr>
<tr>
<td>** for Hairstylist, Esthetician and Electrologist trades**</td>
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</tr>
<tr>
<td>For licences that have been expired for two years and one day, in hairstylist, esthetician and electrologist trades, additional fees will apply.</td>
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<tr>
<td>Provincial/Territorial Certificate Holder for Red Seal Status Exam</td>
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<tr>
<td>Certificate of Recognition Application (AIT)</td>
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Note: Some trades in Manitoba require an additional license/permit to practise in the trade that are not issued by Apprenticeship Manitoba. For a listing of these trades and issuing departments or organizations, visit manitoba.ca/tce/apprent/permits for more information and fees.

**TRADES QUALIFICATION FEES**

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<tr>
<td>** Trades Qualification Application (includes RPL services)**</td>
<td>$100</td>
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<tr>
<td>Trades Qualification Certification Exam</td>
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<tr>
<td>Trades Qualification Certification Re-Examination (includes provincial, interprovincial and practical exams)</td>
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<tr>
<td>Practical Examination for Certification</td>
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**TUITION AND BOOK FEES**

<table>
<thead>
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<tbody>
<tr>
<td>For class length up to eight weeks</td>
<td>$200</td>
</tr>
<tr>
<td>For each additional week of class after the initial eight weeks</td>
<td>$25</td>
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</table>

*Note: Out-of-province tuition fees for technical training may vary.*

Books and materials (approximately, per program) $800 - $1,500

Books are available for purchase from the corresponding college.

** Online application available
Apprenticeship Information

manitoba.ca/tradecareers
AccessManitoba.ca
apprenticeship@gov.mb.ca
1-877-97-TRADE (1-877-978-7233)

WINNIPEG
100 - 111 LOMBARD AVENUE, R3B 0T4
204-945-3337 • FAX 204-948-2346

BRANDON
128, 340 - 9TH STREET R7A 6C2
204-726-6365 • FAX 204-726-6912

THOMPSON
118 - 3 STATION ROAD R8N 0N3
204-677-6346 • FAX 204-677-678

facebook.com/apprenticeshipmanitoba