



Assiniboine  
College

eligible for  
**Financial  
Aid &  
Awards**

# Welding

**4-Month** Certificate

Let your inner artist shine and imagination run wild as you melt metal and learn to fix and fuse components in new ways.

## PROGRAM LEARNING OUTCOMES

- ▶ Complete all work in compliance with the rights and conditions of contractual obligations, provincial and/or national Codes, applicable laws, bylaws, standards and ethical practices in the welding field.
- ▶ Comply with health and safety practices and procedures in accordance with current legislation and regulations.
- ▶ Fabricate and prepare components for welding.
- ▶ Use specialized equipment for cutting and gouging.
- ▶ Perform specialized processes such as stud welding, orbital welding and resistance welding.
- ▶ Develop and use strategies for ongoing professional development to remain current with industry changes, enhance work performance and explore career opportunities.
- ▶ Communicate and collaborate with diverse clients, supervisors, coworkers and tradespersons to complete projects on time and to maintain effective working relationships.

## YOU MIGHT BE A GOOD FIT FOR THIS PROGRAM IF YOU HAVE OR WOULD ENJOY...

- ▶ A physically demanding occupation.
- ▶ Attention to detail.
- ▶ Excellent hand-eye coordination.
- ▶ Manual dexterity to handle welding equipment and make precise welds.
- ▶ Troubleshooting and coming up with effective solutions quickly and efficiently.
- ▶ Working in a variety of industrial or production contexts.



### Campus/Delivery Options

North Hill campus



### Available Intakes

September / January



### Work Integrated Learning

3 weeks

# EXPECTATIONS

## Program and Industry

- ▶ Be reliable, punctual, and regularly attend work.
- ▶ Communicate effectively with others including suppliers, co-workers, other tradespeople, safety and building inspectors, manufacturer representatives, customers, and co-workers and apprentices.
- ▶ Complete responsibilities requiring standing, stooping, bending, and climbing.
- ▶ Demonstrate safety-conscious attitudes and work practices.
- ▶ Have the strength, dexterity, balance and stamina required to work in or on equipment.
- ▶ Interpret technical documents, drawings, specifications, building codes, regulations, bylaws and standards.
- ▶ Listen to directions and act on them accordingly.
- ▶ Move around and work within the learning environment, negotiating different areas including stairs and ladders, confined spaces, heights, uneven terrain and scaffolds.
- ▶ Using specialized skills in a variety of job site conditions, including working outdoors in extremely warm and cold weather conditions (+30°C to -40°C)
- ▶ Work in noisy, dusty and/or fumes areas with appropriate personal protective equipment.
- ▶ Work in shifts, schedules, and conditions that are unique to the industry.
- ▶ Work safely with occupational hazards of sparks, gases, hazardous fumes, burns, heavy lifting, repetitive stress and exposure to ultraviolet and infrared radiation.

# CAREER OPPORTUNITIES

- ▶ Manufacturing and rebuilding
- ▶ Construction
- ▶ Agriculture
- ▶ Oil
- ▶ Railways
- ▶ Mining
- ▶ Welding and repair shops
- ▶ Aerospace

# ADMISSION REQUIREMENTS

- ▶ A complete Manitoba Grade 12 or equivalent

## Next Steps

**Confidence in the career path you choose to embark on is key and selecting the right program for you is the first step. At Assiniboine, we offer an opportunity to explore and experience a program before applying. Choose to:**

### Spend a day with us

Our Spend a Day program runs from November to March for most programs. When you spend a day at Assiniboine, we partner you with a current student in the program of your choice so you have the opportunity to:

- ▶ Participate in classroom activities
- ▶ Experience college life
- ▶ Explore all of our helpful services for students
- ▶ Meet current college students and instructors
- ▶ Enjoy a free lunch on us!

### Attend an online info session

Our free, live online information sessions give you the inside scoop on our college, the program you're interested in and life at Assiniboine. Register in advance and from the comfort of your own home, log in to learn what Assiniboine has to offer.



**Ready to start?  
Apply Now!**

[assiniboine.net/applynow](https://assiniboine.net/applynow)