

Construction Electrician

9-Month Certificate

Are you ready for a highly technical and in-demand career as a construction electrician? Learn a wide range of skills from electrical safety and codes to more advanced skills in wiring and blueprint reading.

PROGRAM LEARNING OUTCOMES

- ▶ Complete work in compliance with provincial and/or national codes, applicable laws, standards and ethical practices in industry.
- ▶ Comply with health and safety practices and procedures in accordance with current legislation and regulations.
- ▶ Install, service, and maintain wiring systems.
- ▶ Install, service, and maintain motors and control systems.
- ▶ Discuss signaling and communication systems.
- ▶ 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 a strong technical aptitude for understanding electrical systems and circuitry.
- ▶ Possess the physical ability to work in tight spaces, climb ladders, and lift heavy objects.
- ▶ Excel at troubleshooting electrical problems.
- ▶ Are meticulous and pay close attention to detail.
- ▶ Prioritize safety and communicate effectively.
- ▶ Adapt well to changing situations and perform in various work environments.
- ▶ Are self-motivated and can stay focused without direct supervision.
- ▶ Work safely and efficiently in different settings.
- ▶ Thrive in both collaborative team environments and independent tasks as needed.

EXPECTATIONS

Program and Industry

- ▶ Be reliable, punctual, and regularly attend.
- ▶ A valid driver's license and access to a vehicle is strongly recommended given the potential need to travel for practicum placement.
- ▶ Move around and work within the environment, negotiating different areas including stairs and ladders, confined spaces, heights, uneven terrain and scaffolds.
- ▶ Complete responsibilities requiring standing, bending, and climbing.
- ▶ Have strength, dexterity, balance and stamina.
- ▶ Work in environments with noise, dust and/or fumes with appropriate personal protective equipment.
- ▶ Interpret drawings, specifications, codes, regulations, laws and standards.
- ▶ Communicate effectively with suppliers, co-workers, other trades people, safety and building inspectors, manufacturer representatives, and customers.
- ▶ Work in industry-specific shifts, schedules, and conditions.
- ▶ Listen to and follow directions accordingly.

- ▶ Demonstrate safety-conscious attitudes and work practices.
- ▶ Work outdoors in extreme weather conditions.

CAREER OPPORTUNITIES

- ▶ Electrical contractors
- ▶ Construction companies
- ▶ Maintenance departments of industrial companies
- ▶ Public utilities
- ▶ Wholesale supply houses
- ▶ Entrepreneur

ADMISSION REQUIREMENTS

- ▶ A complete Manitoba Grade 12 or equivalent
- ▶ Consumer/Essential Mathematics 40S 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 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 about Assiniboine.

assiniboine.net/experienceassiniboine

**Ready to start?
Apply Now!**

