

Applied Electrical Installation

6-Month Certificate

Are you ready for a highly technical and in-demand career as an 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 signalling 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 OR WOULD ENJOY:

- ▶ A short, introductory program in the electrical trade.
- ▶ Technical aptitude for understanding electrical systems and circuitry.
- ▶ The physical ability required to work in tight spaces, climb ladders, and lift heavy objects.
- ▶ Are meticulous and pay close attention to detail. Are safety conscious and able to communicate effectively.
- ▶ Are adaptable to changing situations and work effectively in a variety of settings.
- ▶ Are self-motivated and able to stay on task without direct supervision.
- ▶ Are able to work safely and effectively in a variety of settings.
- ▶ Can work in a collaborative team environment or independently as the situation requires.
- ▶ A valid driver's license and access to a vehicle is strongly recommended given the potential need to travel for practicum placement.
- ▶ Troubleshooting electrical problems.



Campus/Delivery Options
Parkland campus



Available Intakes
February 2028



Industry Work Experience
3 weeks

EXPECTATIONS

Program and Industry

- ▶ 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 the strength, dexterity, balance and stamina required to work in or on equipment.
- ▶ Work in noisy, dusty and/or fume-filled areas with appropriate personal protective equipment.
- ▶ Interpret drawings, specifications, building codes, regulations, laws and standards.
- ▶ Communicate effectively with others including suppliers, co-workers, other tradespeople, safety and building inspectors, manufacturer representatives, and customers.
- ▶ Work in shifts and meet deadlines under conditions unique to the industry.
- ▶ Be reliable, punctual, and regularly attend.
- ▶ Listen to and follow directions accordingly.
- ▶ Demonstrate safety-conscious attitudes and work practices.
- ▶ Working outdoors in extreme weather conditions.

CAREER OPPORTUNITIES

Graduates find employment opportunities with electrical contractors, construction companies, maintenance departments of industrial companies, public utilities and wholesale suppliers.

Students who successfully complete the accredited program with an accumulative average of 70% or better in the trade subjects and level for which the program was accredited, gain employment and register as an apprentice within two years of graduating, will receive credit for Level 1 in-school technical training and 900 hours in the Construction, Industrial or Power Electrician apprenticeship program.

ADMISSION REQUIREMENTS

- ▶ A complete Manitoba Grade 12 or equivalent
 - 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!

assiniboine.net/spendaday

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/infosessions

**Ready to start?
Apply Now!**

