

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.

Why should you choose career as a Construction Electrician?

1 Stay current

You will be connected to a lucrative career with this nine-month Construction Electrician program. With both classroom and shop components, this is one of Assiniboine's most popular programs.

3 Plug into industry

You and your fellow graduates will build careers with electrical contractors, construction companies, maintenance departments of industrial companies, public utilities and wholesale suppliers.

2 Be a conduit for learning

This entry-level program will take you from electrical safety and general code to advanced electrical skills in wiring and blueprint reading. Your industry-based practicum will emphasize practical applied learning, making you ready for real-world electrical problems you can solve.

4 Spark your career

Register as an apprentice within two years of finishing the program, and you may get in-school training credit for Level 1 Construction Electrician apprenticeship, Level 1 Industrial Electrician apprenticeship or Level 1 Power Electrician apprenticeship.

FULL-TIME, ON-CAMPUS TIMELINE:

SEPTEMBER
Fall term begins

JANUARY
Winter term begins

MAY
Work placement

JUNE
Graduation

Program delivery options:



North Hill Campus

CAREER OPPORTUNITIES

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

ADMISSION REQUIREMENTS

- A complete Manitoba Grade 12 or equivalent
- Consumer/Essential Mathematics 40S or equivalent

English is the language of instruction at Assiniboine. All applicants educated outside of Canada or in a country not on the test exempt list are expected to meet the English language proficiency requirement. See assiniboine.net/elp for more information.

TECHNOLOGY REQUIREMENTS

Programs at Assiniboine have certain technology requirements. Students require access to computer devices at home and may be required to bring these on campus when instructed. Refer to assiniboine.net/tech for more detailed information about the requirements for this program.

UNIQUE LEARNING EXPERIENCES

- Modern, well-equipped electrical shop
- Emphasis on practical, applied learning
- Industry-based practicum
- Condo project to simulate real-life setting

GRADUATION REQUIREMENTS

To graduate with a Construction Electrician certificate, students must successfully complete 63 academic credits and 5 practical credits.

The minimum passing grade for each course is indicated on the course outline.

CONNECTIONS

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.

Assiniboine has a number of agreements with other colleges, universities and professional organizations, making it possible for students to apply credit taken at Assiniboine to programs at other institutions. For up-to-date information on agreements, visit assiniboine.net/registrar or the program page.

PROGRAM FEES (DOMESTIC ONLY)

Tuition, fees and Students' Association fees total approximately **\$4,900**.

Estimated cost for books and supplies is **\$1,730**.

All fees are estimated and subject to change without notice.

COURSES 2021-22

NUMBER	COURSE TITLE	CREDITS
ELEC-0017	AC Machines	6
ELEC-0020	AC Theory Devices & Circuits	6
DRFT-0009	Blueprint Reading (ELECT)	3
ELEC-0014	Commercial Wiring	9
COMM-0045	Communications	3
ELEC-0021	DC Theory Devices & Circuits	6
ELEC-0019	Electrical Code 1	6
ELEC-0015	Electrical Code 2	6
PRAC-0076	Practicum 1 - ELEC	2
PRAC-0077	Practicum 2 - ELEC	3
ELEC-0018	Residential & Premise Wiring	12
ELEC-0016	Solid State Theory and Diodes	3
ELEC-0022	Three-phase Theory	3

Note: Timelines, applicable industry experience, and teaching methodology will depend on program delivery choice; program information sheets subject to change without notice. Visit assiniboine.net for the most up-to-date information.

NEXT STEPS

Apply now! Visit assiniboine.net/applynow. For more information on this program, visit assiniboine.net/ce.