



# 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](http://assiniboine.net/elp) for more information.

## 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](http://assiniboine.net/registrar) or the program page.

## NEXT STEPS

Apply now! Visit [assiniboine.net/applynow](http://assiniboine.net/applynow). For more information on this program, visit [assiniboine.net/ce](http://assiniboine.net/ce).

## PROGRAM FEES (DOMESTIC ONLY)

Tuition, fees and Students' Association fees total approximately **\$4,640**.

Estimated cost for books and supplies is **\$1,480**.

*All fees are estimated and subject to change without notice.*

## COURSES 2020-21

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](http://assiniboine.net) for the most up-to-date information.*