

**Full Time 2023-2024**

**PROGRAM LENGTH:** 12 weeks

**BRIEF DESCRIPTION:** Do you enjoy doing hands-on work, such as installing, altering, repairing, and maintaining electrical systems? Would you like to get involved in a trades career? Electricians specialize in specific types of installations, such as residential (housing developments), commercial (office buildings), institutional (hospitals), and industrial (plants and factories).

**PROGRAM OF STUDY:**

ELSE0115	Section 1: Standard Specific Workplace Safety
ELCF0125	Section 2: Circuit Fundamentals
ELMP0135	Section 3: EMF Sources
ELLF0145	Section 4: Lab Fundamentals
ELCE0155	Section 5: Canadian Electrical Code – Part 1 & Drawings
ELLF0165	Section 6: Lab/Shop
EPRC0100	Employment Practicum
PISC0100	Industrial Safety Certification
WPCM0100	Workplace Communications

**TRANSFERABILITY:** Upon successful completion of all core courses, Pre-Employment students are to write the 1st period apprentice exam with AIT.

**PROGRAM DELIVERY:** Traditional classroom setting with shop and lab demonstrations.

**ADMISSION REQUIREMENTS:**

RECOMMENDED PATH: Alberta High School Diploma with:

- English 30-2.
- Math 30-3.
- Physics 30, or Chemistry 30, or Biology 30, or Science 30.
- Related Career and Technology Studies courses
- Attendance and participation in "Introduction to Construction Trades"

MINIMUM REQUIREMENTS:

- English 20-2
- Math 20-3
- Science 10

**OR** - All five Canadian General Education tests (GED)

**OR** - AIT's Entrance Exam. Where "Pre-Employment" programs are offered, the applicants are reviewed by NLC for meeting the standards in the "Minimum Requirement" column.

**NOTE:** Pre-Employment students are **NOT** required to be registered with Apprenticeship and Industry Training (AIT).

**COST ESTIMATES:** **Note: All fees are subject to change.**

Tuition	\$3,200.00
Materials	\$ 650.00
Technology Fee	\$ 130.00
Textbooks (mandatory-incudes GST)	\$ 284.33
Student Association Fee	<u>\$ 345.00</u>
<b>TOTAL ESTIMATED COSTS:</b>	<b>\$4,609.33</b>

*Optional if previously purchased:*

Handi-Guide to Alberta's OH&S Act 2022 Ed	\$ 60.10
Professional Electrical Control Template	\$ 17.73
Canadian Electrical Code 2021 Ed.25	\$ 218.78

**ADDITIONAL FEES:** Students are responsible for registering and paying the fee to challenge the first-year trades exam. The estimated cost for the Theory Exam is \$150.00

**OFFERING DATES:** March 18 – July 12, 2024

**APPLICATION PROCESS:**

- **APPLICATION:** Complete and submit the Northern Lakes College application (on the college website - follow: <https://www.northernlakescollege.ca/apply-now/program-applications>.) Applications may also be submitted directly through Apply Alberta [www.ApplyAlberta.ca](http://www.ApplyAlberta.ca).
- **APPRENTICESHIP EXAM:** Applicants needing admission requirements must call the **Alberta Apprenticeship & Industry Training** office nearest to their location to make arrangements for writing the Apprenticeship Entrance Exam. (1-800-248-4823)
- **ACCEPTANCE:** Applicants who meet the requirements will be accepted upon payment of fees and offered a space in the next available offering of the program. In some cases, the spaces at a specific location may be full and accepted applicants will be placed on a waitlist. These applicants will be accepted in the order of "first qualified, first served" should a seat become available. Applicants will receive a letter informing them of their acceptance status.
- **FUNDING:** Applicants are encouraged to check on funding options **early (minimum of 2 months prior to program start date)**. AIT office or counsellors can assist with identifying funding options and applying for sponsorship of fees and living costs. Please visit the NLC website: <https://www.northernlakescollege.ca/prospective-students/financial-aid-scholarships-funding/scholarships-awards> Financial Aid, Scholarships and Funding page to learn more.
- **ORIENTATION:** Before the start date of the program, accepted applicants will receive information about registration dates, times, locations and other information to assist them.

**CONTACT INFORMATION:**

For any assistance, questions or concerns, the following college staff are available toll-free 1-866-652-3456

**Program Coordinator:** **Trades and Resource Technology 1-866-652-3456 ext. 8341**  
email: [tradesaccount@northernlakescollege.ca](mailto:tradesaccount@northernlakescollege.ca)  
Questions about program content, employment opportunities for the program.

**Other Inquiries:** **Admissions Services 1-866-652-3456**  
email: [admissions@northernlakescollege.ca](mailto:admissions@northernlakescollege.ca)  
General inquiries about college services & programs; student housing, library, and facilities