

Full Time 2025 - 2026

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, factories). If you are already signed up as an apprentice, and are ready to attend your Second Period of technical training, then Northern Lakes College is where you want to be! Further Educational Opportunities for the Electrical Apprenticeship Program are: Third Period and Fourth Periods. Journeyman Electricians can become Master Electricians. Electricians often take further training to gain additional expertise in variable frequency drives, code upgrades, cathodic protection, and alternative energy installation. This dynamic and continually changing trade often requires updating.

PROGRAM OF STUDY:

ELFS2100	Foundational Skills, Job Responsibilities, and Procedures
ELCS2300	Codes and Standards
ELTF2400	Electrical Theory and Circuit Fundamentals
ELES2500	Electrical Systems
ELLS2600	Lab/Shop – Electrical

TRANSFERABILITY: Any provider approved by Alberta Apprenticeship and Industry Training. Students must achieve a minimum of 65% cumulative weighted average for the program's courses, with an overall final exam mark of 65% or higher with no course below 50% in order to achieve successful completion for AIT's standards. Please note: You MUST receive a 70% passing mark on your AIT Period Final Exam to pass your period of training.

INTERNATIONAL APPLICANTS: To apply for a trade program, applicants must be a Canadian citizen or Landed Immigrant. Applicants must be a registered Apprentice with **Alberta** Apprenticeship and Industry Training (AIT) in CANADA.

EMPLOYMENT OPPORTUNITIES: Electricians work for construction, and maintenance contractors, manufacturers, resource companies, and other large organizations. They must be willing to go where the work exists. Membership in a trade union is voluntary; however, some contractors employ only union people. Journeyman wage rates vary, but generally range from \$30 to \$50 an hour, and may include benefits. Electricians may advance to positions such as foreman, superintendent, estimator, electrical inspector, technical instructor, or move into a management role. Some electricians start their own contracting businesses. In Alberta, a valid Master Electrician Identification Number is required to pull electrical work permits. Alberta-certified electricians may apply to the Alberta Safety Codes Council to become Master Electricians following three years of certification. Journeymen may apply to the Association of Science & Engineering Technology Professionals of Alberta (ASET) for Certified Technician (C. Tech.) designation or enroll in a trades to-degree program.

PROGRAM DELIVERY: Traditional classroom setting and electrical shop/lab demonstrations. Work-integrated learning, Workplace Communications and Industrial Safety Certifications are new components of this program.

ADMISSION REQUIREMENTS: Must have successfully completed Electrician Apprenticeship 1st Period and be eligible through Alberta Apprenticeship and Industry Training (AIT). (Must be registered as an apprentice with Apprenticeship and Industry Training (AIT) in the appropriate period of training. For information, contact the local Apprenticeship Branch or visit www.tradesecrets.gov.ab.ca. (Slave Lake office – 1-800-248-4823).

INTERNATIONAL APPLICANTS: To apply for a trade program, applicants must be a Canadian citizen or Landed Immigrant.

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

Tuition	\$1,104.00
Materials	\$ 95.00
Technology Fee	\$ 96.00
Textbooks (mandatory-include GST)	\$ 404.66
Student Association Fee	\$ 108.00
TOTAL ESTIMATED COSTS:	\$1,807.66

Optional if previously purchased:
Calculator Sharp EL520XTBBK EL520

\$ 27.83

PROGRAM OFFERINGS: Slave Lake

OFFERING DATES: September 2 – October 24, 2025

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.
- **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)
- **APPLICANTS** for the apprenticeship program must be registered with **Alberta Apprenticeship and Industry Training (AIT)**. Application forms can be downloaded from the Alberta Apprenticeship & Industry Training (AIT) website, www.tradesecrets.gov.ab.ca.
- **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 any seats 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 NLC 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 Administrator:

Trades and Resource Technology 1-780-843-8365

email: tradesaccount@northernlakescollege.ca

Questions about program content, employment opportunities for the program

Other Inquiries:

Admissions Services 1-866-652-3456

email: admissions@northernlakescollege.ca

General inquiries about College services & programs; student housing, library, and facilities