

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 and factories). Further Educational Opportunities for the Electrical Apprenticeship Program are: First Period, Second Period, Third Period, and Fourth Period. 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:	ELCS0130	Codes and Standards
	ELES0150	Electrical Systems
	ELFS0110	Foundational Skills, Job Responsibilities, and Procedure
	ELLS0160	Lab/Shop – Electrical
	ELTE0120	Tools, Equipment, Instruments
	ELTF0140	Electrical Theory and Circuit Fundamentals
	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. Students must achieve a minimum of 65% cumulative weighted average for the program's courses with no course below 50%, and a final exam mark 65% or higher in order to achieve successful completion for AIT's standards. Please note: If you choose to challenge your AIT exam you must receive a 70% passing mark on the exam to successfully pass that period of training.

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

ADMISSION REQUIREMENTS: Minimum Requirements: English 20-2, Math 20-3, and Science 10 or all five Canadian General Education Development Tests (GED) or AIT Entrance Exam, or a passing mark in the Canadian Adult Education Certificate (CAEC).

RECOMMENDED PATH: Alberta High School Diploma with:

- English 30-2
- Math 30-3
- Physics 30 or Chemistry 30 or Biology 30 or Science 30

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	\$3,690.00
Materials	\$ 720.00
Technology Fee	\$ 360.00
Textbooks (mandatory-incudes GST)	\$ 462.01
Student Association Fee	<u>\$ 405.00</u>
TOTAL ESTIMATED COSTS:	\$5,637.01

<i>Optional if previously purchased:</i>	
Professional Electrical Control Template	\$ 17.73

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 and LOCATION:

Slave Lake September 15, 2025 – January 16, 2026

APPLICATION PROCESS:

- **APPLICATION:** Complete and submit the Northern Lakes College application (<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)
- **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 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