NORTHERN LIGHTS COLLEGE
REGISTRAR'S OFFICE
PROGRAM INFORMATION AND COMPLETION GUIDE

Program Name: Electrician Foundation Trades Training
Credential/Certification: Certificate in Electrician Foundation Trades
Date Submitted: September, 2026
Effective Date: September 2027

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Program Description: This program includes Electrician Foundation Trades Training, a 60-hour practicum, and level 1 apprenticeship training. The program prepares students for entrance into the electrical field by providing them with the basic knowledge, skills and technical training employers are seeking in new hires. Students will complete meaningful hands-on projects that will prepare them for the workplace. Upon successful completion of the program, students will be credited with 350 work-based training hours towards their apprenticeship. After successful completion of the program and securing an industry sponsor/employer, students may apply for level 2 electrical apprenticeship training.

Admission Requirements:
Math – one of the following:
Math 11 or Math 12 with a minimum final grade of C+, or equivalent.
MATH 040 or higher, with a minimum final grade of C+, or equivalent.

English – one of the following:
Language Arts 11 Courses – 4 credits earned, minimum individual grade of C+, or equivalent.
Language Arts 12 Courses – 4 credits earned, minimum individual grade of C+, or equivalent.
ENGL 040 or higher, with a minimum final grade of C+, or equivalent.
IELTS score of 5.5 overall with no band less than 5.0 or equivalent English placement test and score.

Science – one of the following:
Grade 11 Physics or Grade 12 Physics with a minimum final grade of c+, or equivalent.
Physics 040 or higher with a minimum final grade of C+, or equivalent.

OR

ESTR 047 (Advanced-Level Essential Skills for Trades) with a minimum final grade of 67%.

Post-Admission Requirements:
One month prior to the start of the program, students will be required to provide proof of the following certifications:

- Intermediate First Aid
- H2S Alive
- Common Safety Orientation (CSO)

All certificates must be valid for the duration of the program. Failure to provide proof may result in dismissal from the program.

Length of Program: (weeks and total hours)
26 weeks
Approximately 780 hours

Program Intake: (start/finish dates) Refer to the Trades Schedule

Available Seats: 16

Application Deadline: All completed applications must be received one month prior to the start of the program. Completed applications received after this date will be reviewed based on seat availability.

Career Prospects: **Some of the titles below may include additional training requirements.**

- Electrician: Apprenticeship, Journeyperson
- Construction Electrician
- Industrial Electrician
- Maintenance Electrician
- Service Electrician
- Residential, Commercial, Industrial and Marine opportunities
- Solar Installer / Solar Electrician
- EV Charger Installer
- Wind Turbine Maintenance Technician
- Fire Alarm Technician
- Electrical Estimator
- Project Manager
- Electrical Contractor / Business Owner
- Further training may lead to engineering technologist roles.

Affiliations/Partnerships:
Skilled Trades BC (STBC), SD 59, SD 60, SD 81 and SD 87

Location: Northern Lights College, Fort St. John

Additional Requirements/Supplies: (fees, supplies, materials)
Textbooks/Modules
Safety glasses, Steel-toed boots, Gloves

Students are required to have a computer (PC or laptop) with minimum computer requirements as listed on the NLC website (www.nlc.bc.ca/wp-content/uploads/2025/02/Minimum_Computer_Requirements_2025.pdf).

Eligibility for Canada Student Loans: (Yes or No)
Yes

Required Minimum Grade: (overall and/or minimum within a course)
70% minimum within each course

Residency Requirement: (percentage of courses which must be taken at NLC)
100%

Required Courses: (list courses required to complete credential and total hours for each course)
ELFT 103 Electrician Foundation Trades Training (approx 720 hrs)
ELFT 150 Electrician Practicum (approx 60 hrs)