

**PROGRAM LENGTH:** Apprenticeship – 8 weeks

**BRIEF DESCRIPTION:** This program will provide first period Electrician apprenticeship students with the skills and theory necessary to write the first period Electrician apprenticeship exam. Topics covered include circuit fundamentals, electrical magnetic sources, lab fundamentals, Canadian Electrical Code Part 1, blueprints, controls and switching circuits.

**PROGRAM OF STUDY:**

TECF1100	Section One:	Circuit Fundamentals
TEES1200	Section Two:	EMF Sources
TELF1300	Section Three:	Lab Fundamentals
TECE1400	Section Four:	Canadian Electrical Code

**TRANSFERABILITY:** Any Alberta Apprenticeship and Industry Training (AAIT) approved provider.

**EMPLOYMENT OPPORTUNITIES:** Employment with a registered employer through the apprenticeship program: employment with private individuals or with companies. Many students who complete the apprenticeship program and have achieved Journeyman status begin their own business.

**PROGRAM DELIVERY:** Traditional classroom settings and electrical shop/lab work.

**ADMISSION REQUIREMENTS:** **Students who enroll in this program must first be registered as an apprentice with the Alberta Apprenticeship and Industry Training (AAIT) office** (Slave Lake office: 1-780- 849-7228) or visit the forms section at [www.tradesecrets.gov.ab.ca](http://www.tradesecrets.gov.ab.ca) for an application. Those who want to become an apprentice must meet the following academic requirements:

**Route 1:** applicants must have completed Grade 12 with Applied Math 20 (Math 23) or equivalent **AND** 10 credits in Science.

**Route 2:** applicants must have received a passing mark on the Apprenticeship Level 5 entrance exam.

\* **For either route, all applicants** must also be hired as an Apprentice with an approved employer and registered with Alberta Apprenticeship and Industry Training.

**COST ESTIMATES:**

Tuition:	\$ 752.00	(all fees are under review)
Learning Resources/Materials Fees	\$ 64.00	
Textbook (Estimate)	\$ 600.00	

**TOTAL ESTIMATED COSTS:** **\$1416.00**

**PROGRAM OFFERINGS:** Slave Lake (*new campus located at: 924 – 8<sup>th</sup> Street NW, Slave Lake, AB.*)

**OFFERING DATES:** April 4 - May 27, 2011

**APPLICATION PROCESS:**

- ❑ **APPLICATION:** Complete and submit the Northern Lakes College application form (available at all Northern Lakes College locations and on the college website at [www.northernlakescollege.ca](http://www.northernlakescollege.ca) ). Applications can be faxed to 1-780-751-3355.
- ❑ **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. (In Slave Lake, call (780) 849-7228)
- ❑ **APPLICANTS** for the apprenticeship program must be registered with **Alberta Apprenticeship and Industry Training** (AAIT). Application forms can be downloaded from the Alberta Apprenticeship & Industry Training (AAIT) website, [www.tradesecrets.gov.ab.ca](http://www.tradesecrets.gov.ab.ca).
- ❑ **ACCEPTANCE:** Applicants who meet the requirements will be accepted 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.’ It may also be possible to transfer to another location if there is space. 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)**. AAIT office or NLC counsellors can assist with identifying funding options and applying for sponsorship of fees and living costs.
- ❑ **REGISTRATION:** 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 is available:

Admissions: **Susan Hopps at (780) 849-8606** (fax 849-2570)  
e-mail: [hopps@northernlakescollege.ca](mailto:hopps@northernlakescollege.ca)

*Questions regarding status of your application, student housing, program costs.*

Counselling Services: **Yvonne Carifelle at (780) 849-8607**  
e-mail: [carifelle@northernlakescollege.ca](mailto:carifelle@northernlakescollege.ca)

*Questions regarding funding, support services  
or contact your local campus*

Program Advisor: **Al Churchill (780) 849-3872 extension 8852 or cell 805-1699**  
e-mail: [churchilla@northernlakescollege.ca](mailto:churchilla@northernlakescollege.ca)

*Questions about program content, admission requirements, employment  
opportunities for the program.*