

**PROGRAM LENGTH:** Apprenticeship – 8 weeks

**BRIEF DESCRIPTION:** This program provides second period electrician apprenticeship students with the skills and theory necessary to write the second period electrician apprenticeship exam. Topics covered include; alternating current circuit properties, resistive inductive circuits, Canadian Electrical Code Part 1, plans and diagrams, heating and cooling controls, magnetic control and switching circuits.

**PROGRAM OF STUDY:**

TEAC2100	Section One:	Alternating Current (AC) Circuit Properties
TERC2200	Section Two:	Resistive Inductance Circuits
TECE2300	Section Three:	Canadian Electrical Code Part 1 & Plans & Diagrams
TEHC2400	Section Four:	Heating & Cooling Controls
TEMC2500	Section Five:	Magnetic Control & Switching Circuits

**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 must have successfully completed Electrician 1st period and be eligible through Alberta Apprenticeship and Industry Training (AAIT). Students entering the program must be indentured as 2<sup>nd</sup> period apprentices with the Alberta Apprenticeship and Industry Training (AAIT) office (Slave Lake, 849 – 7228).

**COST ESTIMATES:**

Tuition:	\$ 752.00	(all fees are under review)
Learning Resources/Materials Fees	\$ 64.00	
Textbook (Estimates)	\$ 600.00	
<b>TOTAL ESTIMATED COSTS:</b>	<b>\$1416.00</b>	

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

**OFFERING DATES:** August 30 – October 22, 2010

**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: [carifelley@northernlakescollege.ca](mailto:carifelley@northernlakescollege.ca)

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

Program Advisor: **Al Churchill (780) 849-4638 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.*