



## Electrician Pre-Apprenticeship

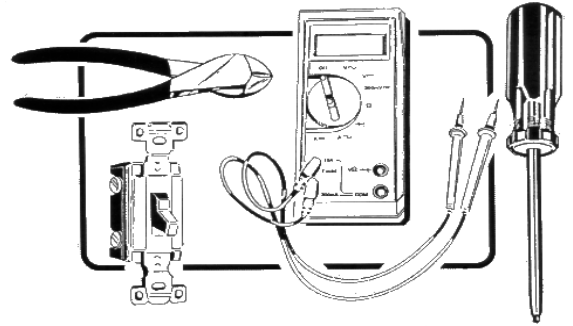
Okanagan College (OC) is offering a Pre-Apprentice Electrician program to be delivered in Vernon. This 24 week program is designed to take a student with little or no previous experience in the electrical trade and to supply him/her with the necessary skills to seek employment in that industry as an apprentice electrician. The curriculum follows the BC Ministry of Advanced Education guidelines for the first-year in-class components of the Electrician Apprenticeship, which includes installation procedures in compliance with the Canadian Electrical Code for residential, commercial and industrial systems.

### Credential

Upon successful completion of the 24-week dual credit program students will receive level 1 technical training credit towards their electrician apprenticeship and an OC pre-apprenticeship electrician program certificate. Secondary School Students will also be eligible to receive dual credit towards grade 12 graduation.

### Potential students may include:

- Adult students who are seeking employment as an electrician apprentice
- Secondary school students who are interested in receiving dual credit towards graduation and level one technical training credit towards an electrician apprenticeship



### Training areas:

The program exposes the students to residential, commercial and industrial systems in the electrical trade with a focus on developing practical skills. This course combines theory and **hands-on** training including the following aspects of the trade<sup>1</sup>:

#### Term One

- ELEC 101 Trades Math
- ELEC 102 Trades Science Concepts
- ELEC 103 Safe Work Practices
- ELEC 104 Rigging and Hoisting Equipment
- ELEC 105 Hand Tools
- ELEC 106 Portable Power Tools
- ELEC 107 Principles of Electricity
- ELEC 108 Electrical Circuits
- ELEC 109 Conductors and Raceways
- ELEC 110 Test Equipment

#### Term Two

- ELEC 111 AC Motor Controls
- ELEC 112 Prints and Drawings
- ELEC 113 Canadian Electrical Code
- ELEC 114 Solid State Devices
- ELEC 115 Level One Technical Exam

<sup>1</sup> Program content subject to change

### **Admission Requirements:**

- Satisfactory standing in basic mathematics and reading tests
- Graduation from Grade 12 (or equivalent) or mature student status (age 19 and out of full time high school for at least 1 year prior to their commencement in the program).
- Secondary school students please contact your Career Counselor for dual credit program admission requirements

### **Timeline:**

- Program duration 24 weeks
- start date: Feb 6., 2012
- conclusion date: July 20, 2012

### **Time:**

8:00 to 3:00, Monday to Friday

### **Location:**

The program will be located at the Trades and Apprenticeship training facility in Vernon.

### **Program Fee:**

#### **Adult students:**

- Tuition \$2,905.45 (includes ancillary fees and may be subject to change)
- Text books and supplies approximately \$900 (includes the cost of a basic tool set. Students must provide their own safety boots)

**Secondary School Students:** tuition for dual credit programs may be paid in part or fully by the school district. Students will be registered as Okanagan College students and will be responsible to pay for books, tools and project materials and all ancillary fees.

### **For more information please contact:**

**Program Administrator:** Rob Kjarsgaard

(250) 545 7291 ext. 2808

**Admissions:** Janice Ulrich

(250) 545 7291 ext. 2267

**Financial Aid:**

(250) 862 5419 Toll free Within BC 1 800 767 5492

#### **High School Students contact:**

School District #22 Tom Williamson

(250)-545-1348

