

Archived: October 11, 2018

## Trades and Applied Technology Programs

# Electrician

**Location Offered:**

Nanaimo

**Credential:**

Certificate

**Options:**

Apprenticeship

**Program Length:**

24 Weeks

## The Program

For Apprenticeship Registration: call 1-888-920-2221, Ext. 6112

The Vancouver Island University Electrical Department provides both Foundation and Apprenticeship training. Foundation training prepares graduates for employment in the electrical trade where the electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in residential, commercial, industrial and marine facilities.

### Foundation Electrician Program

The Foundation Electrician program provides trades training that grants graduates a Vancouver Island University certificate as well as ITA Electrician Level I Certification. Graduates of this program may receive credit towards the technical portion of the first year of the Electrical Apprenticeship program. In order to complete the apprenticeship and become a journeyman, graduates would find an employer in the industry to provide the on-the-job training and 10 weeks in-school training per year in each of the next three years.

## Program Outline

<b>Electrician Program</b>
ELEF 106T - (Apply Circuit Concepts)
ELEF 108T - (Perform Safety-Related Functions/ Use Tools and Equipment)
ELEF 114T - (Organize Work/ Use Communication and Mentoring Techniques)
ELEF 116T - (Install and Maintain Consumer/ Supply Services and Metering Equipment)
ELEF 118T - (Install and Maintain Protection Devices and Bonding, Grounding and Ground Fault Detection Systems)
ELEF 122T - (Install and Maintain Low Voltage Distribution Systems)
ELEF 124T - (Install and Maintain Raceways, Cables & Enclosures, and Branch Circuitry)
ELEF 126T - (Install and Maintain Communication Systems)
<b>Essential Skills</b>
ESFC 100T - (Personal Management Skills)
ESFC 105T - (Trades Math)
ESFC 110T - (Business Operations)
ESFC 115T - (The Emerging Workplace)
ESFC 120T - (Employment Strategies)

*All program courses must be successfully completed before certificates will be issued.*

## **Admission Requirements**

- Grade 12, or equivalent, or mature student status.
- Minimum 17 years of age.
- Minimum grade "C" in English 11 or Technical and Professional Communications 12.
- Minimum grade of "C" in one of Principles of Mathematics 11, Applications of Mathematics 11, Foundations of Mathematics 11, or Pre-calculus 11.
- Valid BC driver's license.
- Successful completion of assessment testing.
- See also Trades general admission requirements.

### ***Recommendations for Admission***

- English 12, Mathematics 12, and Physics 12

### ***Notes on Admission***

- Those with a good reasoning, basic science, mathematical, and study skills will experience the most success.
- Enrolment in this program is limited. Students who meet or exceed the minimum admission requirements may not necessarily be admitted to the program.

## **Work Placement Opportunities**

### **ITA Electrical Apprenticeship Information**

The apprentice level training provides provincially certified apprenticeship training for registered Electrician apprentices in Level 1, 2, 3, and 4. The Electrical apprenticeship program consists of 4 years of on-the-job experience combined with in-school technical training in order to become eligible to write the Interprovincial (Red Seal) examination for journeyman certification.

For more information on apprenticeship training, please visit the Industry Training Authority (ITA) website at [www.itabc.ca](http://www.itabc.ca), or contact the ITA at 1-866-660-6011, or call the Apprenticeship Clerk at Vancouver Island University toll-free at 1-888-920-2221, Ext. 6112. For more information and schedules visit VIU's Trades and Applied Technology Apprenticeship page.

## **Start Date and Application Deadline**

Applications are accepted on an ongoing basis. For further information regarding next available program start dates, applications, and program contacts check the Program Availability List.

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