

# Construction Electrician: Citation (Foundation)

<b>Faculty of Trades and Technology</b>	kwantlen.ca/trades
<b>Electrical (Construction)</b>	kwantlen.ca/trades/electrical
<b>Implementation Date</b>	01-Sep-2011
<b>Start Date(s)</b>	Varies
<b>Admission Type</b>	Fixed term
<b>Enrolment Type</b>	Limited enrolment
<b>Program Type</b>	Vocational
<b>Credential Granted</b>	Citation
<b>Offered At</b>	Cloverdale
<b>Format</b>	Full-time
<b>How to Apply</b>	www.kwantlen.ca/admission

## DESCRIPTION

This 24 week, full-time, program is designed for individuals to acquire the background, breadth of knowledge and industry connections that enable them to be hired as electrical apprentices. An electrical foundation program, as prescribed by the Industry Training Authority (ITA), gives students the practical and theoretical skills equivalent to a Level 1 apprentice providing learners with the opportunity to explore and pursue a career within the electrical trade.

This program is based upon the Provincial Outline for the electrical trade. Students who complete the Foundation program are eligible for credit for the first level of apprenticeship in-school technical training, as well as receive 350 work-based training hours toward completion of the Electrical apprenticeship .

Additional information is available on our program website: [kwantlen.ca/trades/electrical](http://kwantlen.ca/trades/electrical)

Electricians work in a wide variety of buildings and facilities - on everything from lighting and climate control systems, to communication equipment and thousands of other specific tools and devices.

An electrician is designated as a Construction Electrician under the inter-provincial Red Seal program.

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- English:
- Mathematics:
- Interview by an instructor

**Note:** International student Application for Admission requires approval of the Dean.

Recommend satisfactory physical health. Prior to applying, prospective students with mental or physical impairments, who may require program accommodations, should contact the Office of the Dean of Trades and Technology to discuss required skills

and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## PROGRAM REQUIREMENTS

Students will acquire the knowledge and skills needed according to the National Occupational Analysis (NOA) for the electrical trade to learn safe job-site practices, acquire appropriate work habits for the industry and learn to read codes and drawings used in the trade, and acquire the essential skills that underlie effective communication and professional attitudes.

### Required Courses

ELEC 1100	Basic Skills	2 credits
ELEC 1110	Workplace Safety	1 credit
ELEC 1120	Basic Electrical Theory	5 credits
ELEC 1130	Code and Blueprint Reading	1 credit
ELEC 1140	Electrical Controls	1 credit
ELEC 1150	Installation of Low-Voltage Distribution Systems	10 credits

In order to successfully complete the program, a grade of 70% must be obtained in the theory portion (ELEC 1100, 1110, 1120, 1130, 1140 cumulative), and the practical portion, ELEC 1150.

## OTHER INFORMATION

### Special Equipment

Students will require appropriate safety wear in conformance with WorkSafeBC regulations. A list of required tools will be provided by Admissions prior to starting this program.

## CREDENTIAL AWARDED

Upon successful completion of this program, students are eligible to receive a **Citation in Construction Electrician**.

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.