

Construction Electrician: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
Electrical (Construction)	
kwantlen.ca/trades/electrical	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

DESCRIPTION

The Construction Electrician apprenticeship requires apprentices to complete four levels of in-school technical training each 10 weeks in length and 6000 work-based training hours, all designed to meet the competency standard and profile defined by industry. Additional information is available from our program website at: kwantlen.ca/trades/electrical

PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

- An ITA Individual ID number (ITA-ID) is required. If you do not have an ITA-ID, you will need to complete an apprenticeship registration form through the ITA (www.itabc.ca) prior to admission (Level 1 through to 4).

CONTENT

ELECTRICAL LEVEL 1 (AELC 1010)

- Electrical safety fundamentals
- DC circuits
- Electromagnetism & applications
- Meters & test equipment

- Electrical prints & drawings
- AC motor controls
- Electric code & wiring
- Industrial power electronics

ELECTRICAL LEVEL 2 (AELC 1020)

- AC fundamentals
- Meters & test equipment
- Single phase AC circuits
- Circuit protector devices
- Single phase transformers
- AC motor controls
- Lighting
- Industrial power electronics
- Electric codes & wiring

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.

GRADUATION

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