



UEE30811 Certificate III in Electrotechnology Electrician

National ID: UEE30811 | State ID: A123

About this course

Spark up a career as a licensed electrician.

The Certificate III in Electrotechnology Electrician must be completed as part of an apprenticeship, and upon successful completion, allows participants to work as a qualified electrician. Apprentices will learn through a combination of on-the-job employment and block training at North Regional TAFE.

This qualification provides participants with the underpinning skills and knowledge required to obtain an A Grade Electrical License, and subsequently undertake a career in the domestic and commercial building installation, fit out and maintenance service sector.

Participants will learn how to:

- Undertake electrical work and competency development activities
- Fabricate, assemble and dismantle utilities components
- Fix and secure electrotechnology equipment
- Install low-voltage wiring and appliances
- Trouble-shoot and repair work
- Follow OH&S practices

Overview

Available all year, 2019

Broome Campus - Qualification details

-  Duration: **3 Years**
-  When: **Available all year**
-  How: **Face-to-face block delivery**
Face-to-face classroom delivery
Part-time

Units

This is a suggested study plan. North Regional TAFE offers a variety of alternative units, and packaging rules apply to these selections. Your unit options will be discussed with you prior to enrolment.

Students must successfully complete 20 core units and electives with a total weighting of 140 points to be awarded this qualification.

Core

National ID	Unit Title
UEENEEC020B	Participate in electrical work and competency development activities
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE102A	Fabricate, assemble and dismantle utilities industry components
UEENEEE104A	Solve problems in d.c. circuits
UEENEEE105A	Fix and secure electrotechnology equipment
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications

National ID	Unit Title
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work
UEENEEG006A	Solve problems in single and three phase low voltage machines
UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits
UEENEEG063A	Arrange circuits, control and protection for general electrical installations
UEENEEG101A	Solve problems in electromagnetic devices and related circuits
UEENEEG102A	Solve problems in low voltage a.c. circuits
UEENEEG103A	Install low voltage wiring and accessories
UEENEEG104A	Install appliances, switchgear and associated accessories for low voltage electrical installations
UEENEEG105A	Verify compliance and functionality of low voltage general electrical installations
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits
UEENEEG107A	Select wiring systems and cables for low voltage general electrical installations
UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENEEG109A	Develop and connect electrical control circuits
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector

Elective

National ID	Unit Title
UEENEEA113A	Mount and wire control panel equipment
UEENEEC003B	Provide quotations for installation or service jobs
UEENEEED101A	Use computer applications relevant to a workplace

National ID	Unit Title
UEENEEE009B	Comply with scheduled and preventative maintenance program processes
UEENEEF102A	Install and maintain cabling for multiple access to telecommunication services
UEENEEG118A	Maintain operation of electrical mining equipment and systems
UEENEEI116A	Assemble, enter and verify operating instructions in microprocessor equipped devices
UEENEEI150A	Develop, enter and verify discrete control programs for programmable controllers

Job opportunities



[Electrician](#)

Fees and charges

North Regional TAFE's **indicative fees for 2019** are available [here](#). These fees are indicative for local students enrolling full-time in Government-funded courses. Fees are calculated based on individual circumstances at the time of enrolment. Concessions for eligible certificate I - IV level courses, annual fee caps and other charges may apply.

For more information, please click [here](#).

VET Student Loans

VET Student Loans is an income contingent loan support available to eligible students studying a diploma level or above qualification. For more information, please click [here](#).

International student fees

Fees, charges, available locations, applications, and enrolment procedures for international students are different to those applicable to local students. Please visit the [TAFE International WA website](#) to confirm available courses and fees. Tuition fees are paid through TIWA.

Please note, fees are subject to change.