



# 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

## LOWER FEES LOCAL SKILLS



This course is part of the [Lower fees, local skills](#) initiative, allowing you to pay just half of the standard course fees for training in 2020-21. This course is offered at the below campuses, subject to minimum numbers being met. Other locations may be available by arrangement.

The following people will be eligible for the \$400 annual course fees cap under *Lower fees, local skills*.

- All students aged 15–24 years
- Persons and dependents of persons holding:
  - a pensioner concession card;
  - a repatriation health benefits card issued by the Department of Veterans' Affairs; or
  - a Health Care Card
- Persons and dependents of persons in receipt of the Youth Allowance, AUSTUDY or ABSTUDY
- Persons and dependents of persons who are inmates of a custodial institution
- Secondary school-aged persons, not enrolled at school

Please note that only course fees are half price for the *Lower fees, local skills* qualifications. You may be required to pay other fees that apply to your course. For more details about how the half price course fees and annual fees cap work, please read our FAQs or contact us.

## Overview

**Available all year, 2020**

### Qualification details



Duration: **4 Years**



Where: **Karratha Campus**  
**Pundulmurra (South Hedland) Campus**



When: **Available all year**



How:

**Distance learning + workplace**  
**Full-time**  
**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.

## Core

National ID	Unit Title
UEENECC020B	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
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

National ID	Unit Title
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
UEENEEEE009B	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](#)

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## Fees and charges

[Click here to view North Regional TAFE's 2020 indicative fees.](#) 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](#).

**Please note, fees are subject to change.**