

UEE30811

## CERTIFICATE III IN ELECTROTECHNOLOGY (ELECTRICIAN)



### DURATION

Up to  
60 months



### DELIVERY MODEL

Workplace

## Course Description

The **UEE30811 Certificate III Electrotechnology (Electrician)** qualification is offered as an apprenticeship pathway and provides competencies to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in building and premises. It includes ERAC requirements for an 'Electrician's licence'.

Credit can be provided for those having successfully completed competencies from the pre-vocational **UEE22011 Certificate II in Electrotechnology (Career Start)** program.

## Course Fees

A student Co-Contribution fee is required in accordance with QLD Government User Choice Policy.

## Course Structure

20 Core Units

2 Elective Units (Selected to reach at least 140 points)

## Core Units

- **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
- **UEENEEG006A:** Solve problems in single & three phase low voltage machines
- **UEENEEE104A:** Solve problems in D.C. circuits
- **UEENEEE105A:** Fix and secure electro-technology equipment
- **UEENEEE107A:** Use drawings, diagrams, schedules, standards, codes and specifications
- **UEENEEG106A:** Terminate cables, cords & accessories for low voltage circuits
- **UEENEEE137A:** Document and apply measures to control OHS risks associated with electro-technology work
- **UEENEEG101A:** Solve problems in electromagnetic devices and related circuits
- **UEENEEG102A:** Solve problems 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
- **UEENEEG107A:** Select wiring systems and cables for low voltage general electrical installations
- **UEENEEG108A:** Trouble shoot and repair faults in low voltage electrical apparatus & circuits
- **UEENEEG109A:** Develop and connect electrical control circuits
- **UEENEEG033A:** Solve problems in single and three phase low voltage electrical apparatus and circuits
- **UEENEEG063A:** Arrange circuits, control and protection for general electrical installations
- **UEENEEK142A:** Apply environmental and sustainable procedures in the energy sector

## Elective Units

- **UEENECC002B:** Source and purchase material/parts for installation service jobs
- **UEENEEF102A:** Install and maintain cabling for multiple access to telecommunication services