



# UEE30820

## Certificate III in Electrotechnology Electrician

This qualification provides individuals with the skills and knowledge to select, install, set up, test, fault find, repair and maintain electrical systems and equipment in buildings and premises. It includes Electrical Regulatory Authority Council (ERAC), or their successor's, Essential Performance Capabilities for an 'Unrestricted Electrician's license'.

The skills and knowledge described in this qualification require a licence or permit to practice in the workplace where work is carried out on electrical installations which are designed to operate at voltages greater than 50 volt (V) alternating current (a.c.) or 120 V direct current (d.c.).



### Duration

2 - 3 years



### Type of Course

Full Qualification  
Apprenticeship



### Delivery

Blended  
Face to Face  
Workplace based



### Contact

train@fwmgroup.com.au  
1300 643 484

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## Certificate III in Electrotechnology Electrician

### Core Units

**HLTAID009** Provide CPR

**UEECD0007** Apply work health and safety regulations, codes and practices in the workplace

**UEECD0016** Document and apply measures to control WHS risks associated with electrotechnology work

**UEECD0019** Fabricate, assemble and dismantle utilities industry components

**UEECD0020** Fix and secure electrotechnology equipment

**UEECD0044** Solve problems in multiple path circuits

**UEECD0046** Solve problems in single path circuits

**UEECD0051** Use drawings, diagrams, schedules, standards, codes and specifications

**UEECO0023** Participate in electrical work and competency development activities

**UEEEL0003** Arrange circuits, control and protection for electrical installations

**UEEEL0005** Develop and connect electrical control circuits

**UEEEL0008** Evaluate and modify low voltage heating equipment and controls

**UEEEL0009** Evaluate and modify low voltage lighting circuits, equipment and controls

**UEEEL0010** Evaluate and modify low voltage socket outlets circuits

**UEEEL0012** Install low voltage wiring, appliances, switchgear and associated accessories

**UEEEL0014** Isolate, test and troubleshoot low voltage electrical circuits



Ask us about related  
training in:

- Transmission Line Construction
- Powerlines Training

**F**usion  
**T**raining  
**S**olutions





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Online



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## Certificate III in Electrotechnology Electrician

### Core Units (continued)

**UEEEL0018** Select wiring systems and select cables for low voltage electrical installations

**UEEEL0019** Solve problems in direct current (d.c.) machines

**UEEEL0020** Solve problems in low voltage a.c. circuits

**UEEEL0021** Solve problems in magnetic and electromagnetic devices

**UEEEL0023** Terminate cables, cords and accessories for low voltage circuits

**UEEEL0024** Test and connect alternating current (a.c.) rotating machines

**UEEEL0025** Test and connect transformers

**UEEEL0039** Design, install and verify compliance and functionality of general electrical installations

**UEEEL0047** Identify, shut down and restart systems with alternate supplies

**UEERE0001** Apply environmentally and sustainable procedures in the energy sector

**UETDRRF004** Perform rescue from a live LV panel

### Elective Units

**UEEEL0046** Find and Repair Faults in LV dc Electrical Apparatus

**UEEEL0069** Select and arrange equipment for special LV electrical installations

\*Contact us to discuss a different unit selection



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NATIONALLY RECOGNISED  
TRAINING