



UEE30811 Certificate III in Electrotechnology Electrician

National ID: UEE30811 | State ID: A123

About this course

**LOWER FEES
LOCAL SKILLS**

This qualification is part of the [Lower fees, local skills](#) program where you'll pay only half of the standard course fees.

Are you looking for an electrical career and current skills?

When you complete the Certificate III in Electrotechnology Electrician you'll be looking at a career as a licensed **electrician** (additional requirements apply).

You will gain the knowledge and practical skills to work effectively in the electrical industry.

The Certificate III in Electrotechnology is an apprenticeship, please see the Apprenticeships section for more information.

Gain these skills

- Install low voltage wiring
- Switch gear and appliances
- Arrange and connect circuits
- Troubleshoot and repair apparatus and circuits
- Use hand and power tools
- Interpret drawings
- Take electrical and electronic measurements
- Workplace health and safety

Is this course right for me?

I have the following attributes:

- Good communication skills
- Able to follow plans and instructions, and solve problems
- Good hand-eye coordination
- Enjoy and have an aptitude for technical activities
- Comfortable working in a physical environment

Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Semester 1, 2020

Clarkson - Apprenticeship



Duration: **8 Semester/s**



When: **Semester 1, 2020**



How: **On campus**

Units

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 |

| National ID | Unit Title |
|-------------|--|
| 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 |
|--------------|--|
| UEENEEED101A | Use computer applications relevant to a workplace |
| UEENEEEF102A | Install and maintain cabling for multiple access to telecommunication services |

Entrance requirements

| School Leaver | Non-School Leaver | AQF |
|-------------------------|---|---------------------------------|
| OLNA or NAPLAN 9 Band 8 | C Grades in Year 10 English and Maths or equivalent | Certificate I or Certificate II |

You must be employed in a training contract by an appropriate organisation to study.

Job opportunities



[Electrician](#) | [Electrical Fitter](#) | [Lift Electrician](#)

Electrical Tradesperson

Meter Installer (Electricity)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.