



# 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



The following people will be entitled to a concession rate on the half price course fees under *Lower fees, local skills*.

**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
- Dependents of persons who are inmates of a custodial institution
- Secondary school-aged persons, not enrolled at school.

If you are not eligible, please see our [Skill sets](#) page.

## Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey.

This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

## Semester 2, 2020

### Midland - Apprenticeship



Duration: **8 Semester/s**



When: **Semester 2, 2020**



How: **On campus**

## Units

### 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
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
UEENED101A	Use computer applications relevant to a workplace

National ID

Unit Title

UEENEEF102A

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.



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

RTO code: 52786

Printed: 09/08/2020