



# UEE40711 Certificate IV in Electronics and Communications

National ID: UEE40711 | State ID: A137

## About this course

### Amp up your career in Electronics and Telecommunications

Complete the Certificate IV in Electronics and Communications and you'll have the practical skills and knowledge to work with **radio/telecommunication**, data systems/cabling and computer network hardware.

This course is **delivered partially online** and on campus over 18 months. If you have completed a Certificate II or a trade certificate in Electronics (or equivalent) you can apply for a credit transfer reducing your study time by either six or 12 months.

### Gain these skills

- Find and repair faults
- Dismantle, assemble and terminate cable
- Fabricate electrotechnology components
- Engineering drawing and project specification writing
- Supervisory and maintenance management
- Work safely in the industry

### Is this course right for me?

I have the following attributes:

- Good communication skills
- Good problem solving ability
- Good hand-eye coordination
- Enjoy technical and engineering activities

## Overview

### Semester 2, 2019

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#### Midland - Online



When: **Semester 2, 2019**



How: **Online**

## Units

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### Core

Unit Title	National ID
Participate in development and follow a personal competency development plan	UEENEEE038B
Apply Occupational Health and Safety regulations, codes and practices in the workplace	UEENEEE101A
Fabricate, assemble and dismantle utilities industry components	UEENEEE102A
Solve problems in d.c. circuits	UEENEEE104A
Implement and monitor energy sector OHS policies and procedures	UEENEEE117A
Compile and produce an energy sector detailed report	UEENEEE124A
Document and apply measures to control OHS risks associated with electrotechnology work	UEENEEE137A
Repairs basic electronic apparatus faults by replacement of components	UEENEEH102A
Troubleshoot single phase input d.c. power supplies	UEENEEH111A
Troubleshoot digital sub-systems	UEENEEH112A
Troubleshoot amplifiers in an electronic apparatus	UEENEEH113A
Troubleshoot resonance circuits in an electronic apparatus	UEENEEH114A
Fault find and repair complex power supplies	UEENEEH138A
Troubleshoot basic amplifier circuits	UEENEEH139A
Solve fundamental electronic communications system problems	UEENEEH146A
Implement and monitor energy sector environmental and sustainable policies and procedures	UEENEEK145A

## Elective

Unit Title	National ID
Prepare specifications for the supply of materials and equipment for electrotechnology projects	UEENEEC004B
Estimate electrotechnology projects	UEENEEC005B
Fix and secure electrotechnology equipment	UEENEEE105A
Use drawings, diagrams, schedules, standards, codes and specifications	UEENEEE107A
Develop and implement energy sector maintenance programs	UEENEEE110A
Supervise and coordinate energy sector work activities	UEENEEE114A
Install and maintain cabling for multiple access to telecommunication services	UEENEEF102A
Set up and adjust commercial radio frequency (RF) transmission and reception systems	UEENEEH127A
Solve oscillator problems	UEENEEH142A
Troubleshoot communication systems	UEENEEH172A
Develop structured programs to control external devices	UEENEEI155A

## Entrance requirements

School Leaver	Non-School Leaver	AQF
C Grades in Year 11 WACE General English, and OLNA; or NAPLAN 9 Band 8	C Grades in Year 11 English and Maths or equivalent	Certificate II or Certificate III

## Job opportunities



[Radio Communications Technician](#)

Other job titles may include:

- Communications Technician
- Electronics Equipment Technician
- Electronics and Communications Technician

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

## Fees and charges

View our [Indicative Fees list](#)

### 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.**