



UEE30911 Certificate III in Electronics and Communications

National ID: UEE30911 | State ID: A125

About this course

Extend your knowledge and skills in Electronics & Communications

This course will provide you with the practical skills and knowledge to **assemble, install, test, service, and repair electronic systems and equipment** in general electronics, communications, computer or consumer electronics. You will learn about electrical and amplifier principles, microprocessors, power control systems, data communications, and safety in the workplace.

Gain these skills

- Circuit analysis
- Digital electronics
- Computing
- Programming microprocessors

Overview

Semester 1, 2019

Midland - Apprenticeship - Communications



Duration: **8 Semester/s**



When: **Semester 1, 2019**



How: **Apprenticeship
Apprenticeship
On campus**

Units

The units in Apprenticeship are customised according to the individual Training Agreement that is negotiated with the employer and may vary (within the Qualification rules) in each case.

Core

Unit Title	National ID
Participate in electronics and communications work and competency development activities	UEENEEC021B
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
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
Apply environmentally and sustainable procedures in the energy sector	UEENEEK142A

Elective

Unit Title	National ID
Fix and secure electrotechnology equipment	UEENEEE105A
Use drawings, diagrams, schedules, standards, codes and specifications	UEENEEE107A
Install and maintain cabling for multiple access to telecommunication services	UEENEEF102A
Set up and adjust commercial radio frequency (RF) transmission and reception systems	UEENEEH127A

Unit Title	National ID
Solve oscillator problems	UEENEEH142A
Troubleshoot communication systems	UEENEEH172A
Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply	UEENEEP024A

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

Job opportunities



[Electronics Trades Workers](#)

- Security System Installer
- Gaming Electronics Tradesperson
- Business Equipment Technician
- Electronics Tradesperson (Entertainment and Servicing)
- Electronics and Communications Tradesperson
- Electronic Equipment Tradesperson | Electronics Tradesperson (Marine)
- Custom Electronics Installations 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.