



UEE30911 Certificate III in Electronics and Communications

National ID: UEE30911 | State ID: A125

About this course

Extend your knowledge and skills in electronics and 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

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

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 1, 2020

Midland - Apprenticeship - Communications



Duration: **8 Semester/s**



When: **Semester 1, 2020**



How: **Apprenticeship
On campus**

Units

Core

National ID	Unit Title
UEENEEC021B	Participate in electronics and communications 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
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work
UEENEEH102A	Repairs basic electronic apparatus faults by replacement of components
UEENEEH111A	Troubleshoot single phase input d.c. power supplies
UEENEEH112A	Troubleshoot digital sub-systems
UEENEEH113A	Troubleshoot amplifiers in an electronic apparatus
UEENEEH114A	Troubleshoot resonance circuits in an electronic apparatus
UEENEEH138A	Fault find and repair complex power supplies
UEENEEH139A	Troubleshoot basic amplifier circuits
UEENEEH146A	Solve fundamental electronic communications system problems
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector

Elective

National ID	Unit Title
UEENEEE105A	Fix and secure electrotechnology equipment
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEF102A	Install and maintain cabling for multiple access to telecommunication services
UEENEEH127A	Set up and adjust commercial radio frequency (RF) transmission and reception systems
UEENEEH142A	Solve oscillator problems
UEENEEH172A	Troubleshoot communication systems
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply

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

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.