



# UEE21911 Certificate II in Electronics

National ID: UEE21911 | State ID: A113

## About this course

### Are you looking for an electronics career?

North Metropolitan TAFE is offering a **dual qualification in Electronics and Computer Assembly and Repair**. You can gain the [Certificate II in Computer Assembly and Repair](#) and the Certificate II in Electronics qualifications in just six months, opening doors to many different fields of further study and/or employment, including an apprenticeship.

In this course you will develop the ability to select, assemble, set up and maintain electronic devices following prescribed routines.

### Related further study

This course is ideal if you wish to progress to further study in the electrotechnology arena, providing you with a foundation for entry to a range of studies in fields such as:

- Electronics
- Electrical
- Computer assembly & servicing
- Refrigeration and Air Conditioning
- Telecommunications
- Security & Fire Alarms

### Gain these skills

- Basic DC circuit theory
- Practical skills for the assembly, installation, repair and re-assembly of electronic and computer equipment
- A custom blend of DC circuit theory and mathematical skills
- Electronic component identification and handling procedures
- Hand soldering, component placement and mounting onto a printed wiring board

## 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

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

### Midland - On Campus



Duration: **1 Semester/s**



When: **Semester 1, 2020**



How: **On campus**

## Units

### Core

National ID	Unit Title
UEENEEE038B	Participate in development and follow a personal competency development plan
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
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector

## Elective

National ID	Unit Title
UEENEEA102A	Select electronic components for assembly
UEENEED101A	Use computer applications relevant to a workplace
UEENEED102A	Assemble, set-up and test computing devices

## 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

## Further study

North Metropolitan TAFE offers you a range of further study opportunities, see below for a list of related courses.

## Job opportunities



[Electrical Or Telecommunications Trades Assistant](#)

Successful completion of this dual qualification could lead to an apprenticeship or employment as a technician's trade assistant in these areas. Many employers regard basic training in electrical/electronic theory as a pre-requisite to employment in these fields.

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

## Important information

**Important** You will need to have an **Engineering Symbol Function** on your calculator, which school ones don't.

Although a school calculator will work, you will have many more key strokes and have to interpret the readings, which usually leads to errors and mistakes. Example of [Engineering Notation Calculator](#)

## 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.**