



# UEE20511 Certificate II in Computer Assembly and Repair

National ID: UEE20511 | State ID: A103

## About this course

### Are you looking for career in electronics?

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**.

In this course you will develop the ability to select components and assemble computers to customer specifications. You will also learn how to carry out routine hardware repairs (generally by replacement) of known faulty components.

Successful completion of this dual qualification could lead to an apprenticeship or employment as a technician's trade assistant in a wide variety of electronic fields such as computer assembly and servicing, refrigeration and air conditioning, telecommunications, and security and fire alarms. Many employers regard basic training in electrical/electronic theory as a pre-requisite to employment.

### 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
- A logical approach to problem solving

- Able to work both independently and as part of a team
- An interest in electronics and computers

## Overview

### Semester 1, 2019

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#### Midland - On Campus



Duration: **6 Months**



When: **Semester 1, 2019**



How: **F  
O**

## Units

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### Core

Unit Title	National ID
Assemble, set-up and test computing devices	UEENEED102A
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
Document and apply measures to control OHS risks associated with electrotechnology work	UEENEEE137A
Apply environmentally and sustainable procedures in the energy sector	UEENEEK142A

### Elective

Unit Title	National ID
Select electronic components for assembly	UEENEEA102A
Use computer applications relevant to a workplace	UEENEED101A
Solve problems in d.c. circuits	UEENEEE104A
Repairs basic electronic apparatus faults by replacement of components	UEENEEH102A

## 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

## Study pathway

Related fields of study include:

- Electronics
- Electrical
- Computer assembly and servicing
- Refrigeration and Air Conditioning
- Telecommunications
- Security and fire alarms

## Job opportunities



[Electronics Trades Worker](#)

- Computer Assembler
- Computer Servicer

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.



**North  
Metropolitan**

*We're working for  
Western Australia.*

## **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.**



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