



# 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

## 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

### East Perth - On Campus



Duration: **6 Months**



When: **Semester 1, 2020**



How: **On campus**

## Units

### Core

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

### Elective

National ID	Unit Title
UEENEEA102A	Select electronic components for assembly

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

## 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

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

### 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.**