



UEE33011 Certificate III in Electrical Fitting

National ID: UEE33011 | State ID: A131

About this course

A fitting trades career in electrics

This qualification will provide you with the skills and knowledge to **manufacture, fit, assemble**, erect, operate, test, fault find, alter, **repair electrical equipment** and includes electrical wiring work only if that work is associated with assembling, maintaining, terminating or altering the wiring between electrical components within a plant or machinery.

The Certificate III in Electrical Fitting is an apprenticeship, please see the Apprenticeships section for more information.

Gain these skills

- Solve problems in d.c. circuits and in single and three phase low voltage machines
- Develop and connect electrical control circuits
- Use diagrams, standards, codes and specifications

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 and engineering 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



Duration: **8 Semester/s**



When: **Semester 1, 2020**



How: **Apprenticeship
On campus**

Units

Core

National ID	Unit Title
UEENEEC020B	Participate in electrical 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
UEENEEE105A	Fix and secure electrotechnology equipment
UEENEEE107A	Use drawings, diagrams, schedules, standards, codes and specifications
UEENEEE137A	Document and apply measures to control OHS risks associated with electrotechnology work
UEENEEG006A	Solve problems in single and three phase low voltage machines
UEENEEG033A	Solve problems in single and three phase low voltage electrical apparatus and circuits
UEENEEG063A	Arrange circuits, control and protection for general electrical installations
UEENEEG101A	Solve problems in electromagnetic devices and related circuits
UEENEEG102A	Solve problems in low voltage a.c. circuits
UEENEEG106A	Terminate cables, cords and accessories for low voltage circuits

National ID	Unit Title
UEENEEG108A	Trouble-shoot and repair faults in low voltage electrical apparatus and circuits
UEENEEG109A	Develop and connect electrical control circuits
UEENEEG199A	Conduct compliance and functional verification of electrical apparatus and existing circuits
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector

Elective

National ID	Unit Title
UEENEEC001B	Maintain documentation
UEENEEED101A	Use computer applications relevant to a workplace
UEENEEEE009B	Comply with scheduled and preventative maintenance program processes
UEENEEG111A	Carry out basic repairs to electrical components and equipment
UEENEEG129A	Overhaul and repair major switchgear and controlgear
UEENEEG157A	Conduct electrical tests on LV electrical machines
UEENEEG164A	Repair and maintain mechanical components of electrical machines

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

This course is an apprenticeship, you must be employed in a training contract by an appropriate organisation to study.

Job opportunities



[Electrical Fitter](#) | [Electrical Contractor](#)

Instrumentation Fitter (Hazardous Areas)

Switchgear Tradesperson

- Registration or licensing is required.

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.