HELLO THERE, OUR DREAM IS TO HELP YOU MAKE GREAT HAPPEN

Apprenticeship training

Get skills as an engineering tradesperson specialising in electrical and electronic devices. You will learn to design, assemble, manufacture, install, modify, commission, repair and maintain electrical and electronic devices, equipment and controls such as, motors, telecommunications, radio and television, instruments, programmable logic controllers, communication and information processing systems and devices.

LOCATION/S

Eagle Farm

DURATION

Workplace/TAFE: up to 4 years

Entry requirements

Students must be employed as an apprentice and have a signed Registered Training Contract, stating TAFE Queensland SkillsTech

Resources required

Personal protective equipment:
- safety glasses - students must wear these at all times

Important Information

Year 12 graduates start trade

Eligible apprentices and trainees that meet the Queensland state funding requirements will be charged a student contribution fee of $1.60 per nominal hour. For more information on the number of units funded for this course visit Queensland Training Information Services.

Nominal hours for each unit will be outlined in the agreed training plan, which will be provided to the employer

Are you ready to take the next step on your path to great?

Enrol today to secure your spot in this course.

How to enrol

Recognition of prior learning

Got the skills? Got Recognised! Our RPL Assessors can assess and recognise your experience, skills and knowledge, against

Outcome

On successful completion of this course you receive a MEM30405 - Certificate III in Engineering - Electrical/Electronic Trade (Electrical/Electronic stream) qualification.

Job prospects

- Electrical Engineering Technician

Units

The successful achievement of this qualification requires you to complete all units listed on your individual training plan.

Accurate as at 24 January 2018. For the latest information see: tafeskillstech.edu.au/course/15775

Subsidised | $1,568

The Queensland Government will offset the cost of study for eligible students. You will still need to pay for a portion of your study costs. The amount above is what you will need to pay.

Concession | $627.20

You are eligible for the concession price of a course if you meet the eligibility requirements under the subsidised costing and:
- hold or are listed on an Australian Government Low Income Health Care Card or Pensioner Concession Card
- are Aboriginal or Torres Strait Islander
- have a disability.

You will need to provide evidence at the time of enrolment.

For more information about the costs associated with undertaking an apprenticeship, please give us a call.
### Stage 1A
- **MEM09002B** Interpret technical drawing  
  Elective
- **MEM18002B** Use power tools/hand held operations  
  Elective
- **MEM18001C** Use hand tools  
  Elective
- **MEM16007A** Work with others in a manufacturing, engineering or related environment  
  Mandatory
- **MEM15024A** Apply quality procedures  
  Mandatory
- **MEM15002A** Apply quality systems  
  Mandatory
- **MEM14004A** Plan to undertake a routine task  
  Mandatory
- **MEM13014A** Apply principles of occupational health and safety in the work environment  
  Mandatory
- **MEM13001B** Perform emergency first aid  
  Elective
- **MEM12004B** Perform precision electrical/electronic measurement  
  Elective

### Stage 1B
- **MEM14005A** Plan a complete activity  
  Mandatory
- **MEM16006A** Organise and communicate information  
  Mandatory
- **MEM12023A** Perform engineering measurements  
  Mandatory
- **MEM05001B** Perform manual soldering/desoldering - electrical/electronic components  
  Elective

### Stage 2A
- **MEM12002B** Perform electrical/electronic measurement  
  Elective
- **MEM18055B** Dismantle, replace and assemble engineering components  
  Elective
- **MEM10002B** Terminate and connect electrical wiring  
  Elective
- **MEM12024A** Perform computations  
  Mandatory

### Stage 2B
- **MEM18063B** Terminate signal and data cables  
  Elective

### Stage 3A
- **MEM10011B** Terminate and connect specialist cables  
  Elective
- **MEM18049B** Disconnect/reconnect fixed wired equipment up to 1000 volts a.c./1500 volts d.c.  
  Elective
- **MEM18048B** Fault find and repair/rectify basic electrical circuits  
  Elective

### Stage 3B
- **MEM16008A** Interact with computing technology  
  Mandatory
- **MEM18046B** Fault find/repair electrical equipment/components up to 1000 volts a.c./1500 volts d.c.  
  Elective
- **MEM10004B** Enter and change programmable controller operational parameters  
  Elective

### Stage 4
- **MEM17003A** Assist in the provision of on the job training  
  Mandatory
- **MEM18051B** Fault find and repair/rectify complex electrical circuits  
  Elective
- **MEM10003B** Install and test electrical wiring and circuits up to 1000 volts a.c. and 1500 volts d.c.  
  Elective

**Disclaimer**

Please note prerequisites / corequisites exist for this unit. For more information contact the Client Service Centre on 1800 654 447. For a full description of this course visit the [Training Website](http://tafeskilltech.edu.au/study-with-us/career-changers-jobseeker/recognition-prior-learning/).