



## MEM20422 Certificate II in Engineering Pathways

### About APTC

The Australia Pacific Training Coalition (APTC) is an innovative development program funded by the Australian Government. APTC, established in 2007, has been providing vocational training in the Pacific and TVET institutions across ten countries: Fiji, Kiribati, Nauru, Papua New Guinea, Samoa, Solomon Islands, Timor-Leste, Tonga, Tuvalu and Vanuatu. APTC employs qualified and experienced trainers and tutors to deliver a wide range of technical and vocational courses aimed at skilling Pacific Islanders and Timorese for a variety of vocational occupations.

### Course Overview:

The MEM20422 Certificate II in Engineering course is designed to offer students an introduction to welding and learning how to use simple engineering machinery with a focus on using engineering tools and equipment to produce or modify objects in a safe environment.

This qualification is intended for people interested in getting exposure to working in an engineering-related environment. It will equip graduates with knowledge and skills which will enhance their prospects of employment in an engineering or related working environment.

Graduates of this course will receive an internationally recognised Australian Qualification issued through TAFE Queensland (RTO 0275).

### Career Opportunities:

It delivers broad-based underpinning skills and knowledge in a range of engineering and manufacturing tasks which will enhance the graduates' entry-level employment prospects for general employment in an engineering-related workplace.

### Course Delivery

**Location:** Fiji and PNG

**Duration:** Course duration is 12 weeks full time. Students will attend classes for a minimum of 5 days per week. Additional out-of-hours study time will be required.

**Delivery Mode:** Face to face.

Training will be delivered in English and incorporates language, literacy and numeracy (LLN) support.

The Australian Government subsidises the cost of the course including materials and consumables.

Course fees are subject to change without prior notification.

For current fees visit: <https://www.aptc.edu.au/courses/course-fees>

**Any work placement arrangements:** n/a

**Out-of-hours study:** Additional out-of-hours study time will be required.

### Student Support and Services:

LLN support is available.

### Resources Required:

**Provided by APTC:** PPE uniforms, textbooks or stationery supplies.

### Entry Requirements

- Citizen of a Pacific Island Forum country
- Complete the Literacy and Numeracy Assessment

Applicants may apply for recognition of prior learning. For further information visit:

<https://www.aptc.edu.au/students/recognition-of-prior-learning>.

\*Courses offered, course dates and fees may vary depending upon student and industry demand.



## Course Content

The MEM20422 Certificate II in Engineering Pathways will cover the following units of competency

Number of core units: 4

Number of elective units: 8

Unit code	Unit title
MEM13015	Work safely and effectively in manufacturing and engineering
MSMENV272	Participate in environmentally sustainable work practices
MEM11011	Undertake manual handling
MEM16006	Organise and communicate information
MEM18001	Use hand tools
MEM18002	Use power tools/hand held operations
MEMPE001	Use engineering workshop machines
MEMPE006	Undertake a basic engineering project
MEMPE002	Use electric welding machines
MEMPE003	Use oxy-acetylene and soldering equipment
MEMPE004	Use fabrication equipment
MEMPE005	Develop a career plan for the engineering and manufacturing industries

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## Application Process

Apply by completing the online application form

[www.aptc.edu.au/courses/applying-for-a-course](http://www.aptc.edu.au/courses/applying-for-a-course)

You will need a valid email address to register an account. For other application options you can download, complete and submit the application forms to APTC through:

**Email:** [enquiries@aptc.edu.au](mailto:enquiries@aptc.edu.au)

**Post:** APTC Regional Head Office, PO Box 14319, Suva, Fiji

**Person:** Deliver to your local APTC Office.

## For Enquiries Please Contact:

### APTC Fiji

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### APTC Timor-Leste

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