

ABOUT APTC

The Australia Pacific Training Coalition (APTC) is an innovative development program funded by the Australian Government. APTC has been providing vocational training in the Pacific since 2007 with campuses in Fiji, PNG, Samoa, Solomon Islands 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 for a variety of vocational occupations.

APPLICATION PROCESS

Application forms can be downloaded from the APTC website: www.aptc.edu.au. Go to 'COURSES' then 'Applying for a course' or contact your local APTC Office in person or via email.

Submit completed application forms to APTC through:

Email: 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

PO Box 14319, Suva, Fiji Islands
Level 5 Ganilau House
Corner of Edward and Scott Street, Suva
Ph: +679 330 0967
Email: enquiries@aptc.edu.au

APTC Samoa

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Ph: +685 26844 Fax +685 26871
Email: enquiries.samoa@aptc.edu.au

APTC Vanuatu

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Email: enquiries.vanuatu@aptc.edu.au

APTC PNG

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Ph: +675 7640 5600
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APTC Solomon Islands

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MEM30305 Certificate III in Engineering – Fabrication Trade

COURSE OVERVIEW

The MEM30305 Certificate III in Engineering – Fabrication Trade course is designed to offer students the opportunity to further their skills and experience within the manufacturing and engineering industries.

You will learn how to assemble fabricated components, perform sheet and plate assembly, interpret technical drawings, and perform gas tungsten arc welding, manual metal arc welding, gas metal arc welding and welding to code standards.

Possible career opportunities for graduates include:

- Boilermaker
- Metal fabricator
- Welder

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

COURSE DELIVERY

Location: Samoa and PNG.

Duration: Course duration is 22 weeks full time including one-week mid semester break. 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.

Course Fees: The course fees are WST3, 000/ PGK5, 200. The fee includes personal protective equipment, stationery and uniform.

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>

Entry Requirements:

- ✓ Citizen of a Pacific Island Forum country
- ✓ Have significant prior industry experience (more than one year) in the area in which they wish to train or have a local qualification and limited relevant industry experience (up to one year) in the area in which they wish to train
- ✓ Complete the Language, Literacy and Numeracy Assessment and Vocational Knowledge 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 MEM30305 Certificate III in Engineering – Fabrication Trade will cover the following units of competency:

Unit Code	Unit Title
MEM12023A	Perform engineering measurements
MEM12024A	Perform computations
MEM13014A	Apply principles of occupational health and safety in the work environment
MEM14004A	Plan to undertake a routine task
MEM14005A	Plan a complete activity
MEM15002A	Apply quality systems
MEM15024A	Apply quality procedures
MEM16006A	Organise and communicate information
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM16008A	Interact with computing technology
MEM17003A	Assist in the provision of on the job training
MSAENV272B	Participate in environmentally sustainable work practices
MEM05005B	Carry out mechanical cutting
MEM05007C	Perform manual heating and thermal cutting
MEM05010C	Apply fabrication, forming and shaping techniques
MEM05011D	Assemble fabricated components
MEM05012C	Perform routine manual metal arc welding
MEM05015D	Weld using manual metal arc welding process
MEM05016C	Perform advanced welding using manual metal arc welding process
MEM05017D	Weld using gas metal arc welding process***
MEM05018C	Perform advanced welding using gas metal arc welding process
MEM05019D	Weld using gas tungsten arc welding process
MEM05036C	Repair/replace/modify fabrications
MEM05037C	Perform geometric development
MEM05049B	Perform routine gas tungsten arc welding
MEM05050B	Perform routine gas metal arc welding
MEM05051A	Select welding processes
MEM05052A	Apply safe welding practices
MEM09002B	Interpret technical drawing
MEM11011B	Undertake manual handling
MEM12007D	Mark off/out structural fabrications and shapes
MEM18001C	Use hand tools
MEM18002B	Use power tools/ hand held operations
MEM05047B	Weld using flux core arc welding process**

Unit Code indicates core units; Standard font indicates electives - 12 core plus 21 elective units

*Please note, elective units of competency may vary from campus to campus depending on local industry needs.

** indicates elective for PNG only

*** indicates elective for Samoa only.