

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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Email: enquiries.samoa@aptc.edu.au

APTC Vanuatu

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Email: enquiries.vanuatu@aptc.edu.au

APTC PNG

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APTC Solomon Islands

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Email: enquiries.solomons@aptc.edu.au



UEE32211 Certificate III in Air-conditioning and Refrigeration

COURSE OVERVIEW

The UEE32211 Certificate III in Air-conditioning and Refrigeration course is for individuals whose duties included installing and maintaining air conditioning and refrigeration systems, components and equipment, and may work in other specialised areas in the air-conditioning and refrigeration industry.

This course covers air-conditioning and refrigeration work specialising in refrigeration theory, pipework skills, brazing and soldering skills, the handling of refrigerant, the installation and maintenance of components, wiring and equipment, the use of air-conditioning and refrigeration specific tools, test equipment and other devices, as well as commissioning systems that will be used in a variety of residential, commercial and industrial premises.

COURSE DELIVERY

Location: Fiji

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 fee is FJD3,500. 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 UEE32211 Certificate III in Air-conditioning and Refrigeration will cover the following units of competency:

Unit Code	Unit Title
UEENEEC025B	Participate in refrigeration and air conditioning 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
UEENEEE103A	Solve problems in ELV single path 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
UEENEEJ102A	Prepare and connect refrigerant tubing and fittings
UEENEEJ103A	Establish the basic operating conditions of vapour compression systems
UEENEEJ104A	Establish the basic operating conditions of air conditioning systems
UEENEEJ106A	Install refrigerant pipe work flow controls and accessories
UEENEEJ107A	Install air conditioning and refrigeration systems major components and associated equipment
UEENEEJ108A	Recover pressure test evacuate charge and leak test refrigerants
UEENEEJ109A	Verify functionality and compliance of refrigeration and air conditioning installations
UEENEEJ110A	Select refrigerant piping accessories and associated controls
UEENEEJ111A	Diagnose and rectify faults in air conditioning and refrigeration systems and components
UEENEEJ113A	Commission air conditioning and refrigeration systems
UEENEEJ153A	Find and rectify faults in motors and associated controls in refrigeration and air conditioning systems
UEENEEJ170A	Diagnose and rectify faults in air conditioning and refrigeration control systems
UEENEEJ194A	Solve problems in low voltage refrigeration circuits
UEENEEK142A	Apply environmentally and sustainable procedures in the energy sector
UEENEEP012A	Disconnect / reconnect composite appliances connected to low voltage installation wiring
UEENEEP017A	Locate and rectify faults in low voltage composite appliances using set procedures
UEENEEP024A	Attach cords and plugs to electrical equipment for connection to a single phase 230 Volt supply
UEENEEP025A	Attach cords cables and plugs to electrical equipment for connection to 1000 Va.c. or 1500 Vd.c. supply
UEENED101A	Use computer applications relevant to a workplace
UEENEEJ119A	Resolve problems in ice making systems
UEENEEJ174A	Apply safety awareness and legal requirements for hydrocarbon refrigerants
UEENEEJ175A	Service and repair self-contained hydrocarbon air conditioning and refrigeration systems
HLTAID003	Provide first aid

**Bold Font indicates core units; Standard font indicates electives - 25 core plus 5 electives units*

**Please note; elective units of competency includes the unit Provide First Aid as an additional unit.*

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