

## ABOUT APTC

The Australia-Pacific Technical College (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](http://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](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

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](mailto:enquiries@aptc.edu.au)

### APTC Samoa

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### APTC Vanuatu

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### APTC PNG

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Ph: +675 775 69691  
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### APTC Solomon Islands

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## AUR30616 Certificate III in Light Vehicle Mechanical Technology

## COURSE OVERVIEW

The AUR30616 Certificate III in Light Vehicle Mechanical Technology course is designed to offer students the opportunity to further their skills and experience within the automotive industry. This course is for individuals who currently or would like to undertake mechanical work in the automotive light vehicle service and repair industry. Activities include diagnose and repair of clutch systems, final drivelines, air-conditioning systems, manual transmissions, electronic compression engine systems, fuel injection systems steering and suspension systems, along with selecting seals, bearings and gaskets and using workshop equipment.

Graduates of this qualification will develop skills needed to work as a Motor Mechanic. Work roles include service and repairs to engines, transmissions, suspensions, steering, electrical and braking systems.

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

## COURSE DELIVERY

**Location:** Fiji and PNG.

**Duration:** Course duration is 22 weeks full time including a 1 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 FJD3,500/ PKG5,200. The fee includes personal protective equipment, stationery and uniform.

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

*\* APTC is a registered training provider with FNU, Fiji. Fijian employers may be eligible to claim financial support for staff training through the Grant Training Levy.*

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 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

AUR30616 Certificate III in Light Vehicle Mechanical Technology will cover the following units of competency:

Unit Code	Unit Title
<b>AURASA002</b>	<b>Follow safe working practices in an automotive workplace</b>
<b>AURAEA002</b>	<b>Follow environmental and sustainability best practice in an automotive workplace</b>
<b>AURTTK002</b>	<b>Use and maintain tools and equipment in an automotive workplace</b>
<b>AURTTA004</b>	<b>Carry out servicing operations</b>
<b>AURTTB001</b>	<b>Inspect and service braking systems</b>
<b>AURTTE004</b>	<b>Inspect and service engines</b>
<b>AURLTB003</b>	<b>Diagnose and repair light vehicle hydraulic braking systems</b>
<b>AURLTD004</b>	<b>Diagnose and repair light vehicle steering systems</b>
<b>AURLTD005</b>	<b>Diagnose and repair light vehicle suspension systems</b>
<b>AURTTF001</b>	<b>Inspect and service petrol fuel systems</b>
<b>AURLTZ001</b>	<b>Diagnose and repair light vehicle emission control systems</b>
<b>AURETR025</b>	<b>Test, charge and replace batteries and jump-start vehicles</b>
<b>AURETR012</b>	<b>Test and repair basic electrical circuits</b>
<b>AURETR029</b>	<b>Diagnose and repair charging systems</b>
<b>AURETR030</b>	<b>Diagnose and repair starting systems</b>
<b>AURETR031</b>	<b>Diagnose and repair ignition systems</b>
<b>AURETR023</b>	<b>Diagnose and repair spark ignition engine management systems</b>
<b>AURTTA018</b>	<b>Carry out diagnostic procedures</b>
<b>AURLTE002</b>	<b>Diagnose and repair light vehicle engines</b>
<b>AURTTC003</b>	<b>Diagnose and repair cooling systems</b>
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTF005	Diagnose and repair engine forced-induction systems
AURLTX001	Diagnose and repair light vehicle manual transmissions
AURLTQ001	Diagnose and repair light vehicle final drive assemblies
AURLTQ002	Diagnose and repair light vehicle drive shafts
AURLTX003	Diagnose and repair light vehicle clutch systems
AURTTX003	Inspect and service automatic transmissions
AURETU003	Service air conditioning and HVAC systems
AURETR043	Diagnose and repair electronic body management systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR044	Diagnose and repair integrated engine and transmission management systems
<b>PNG elective difference</b>	
AURLTJ002	Remove, inspect, repair and fit tyres and tubes (light)
AURTTF002	Service diesel fuel injection systems
AURAKA002	Adapt work processes to new technologies
<b>Fiji elective difference</b>	
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTB003	Machine brake drums and brake disc rotors
AURAKA001	Use information technology systems

*\*Bold Font indicates core units; Standard font indicates electives - 20 core plus 16 electives units*

*\*Elective units of competency may vary from campus to campus depending on local industry needs.*