

# AUR30620 Certificate III in Light Vehicle Mechanical Technology

Students develop the principles underpinning the operation of vehicle systems and subsystems. They learn to carry out servicing operations, inspect and service engines, transmissions, drivelines and braking systems. They also diagnose and repair cooling, steering, suspension, charging and starting systems.

Students develop safe working practices and environmental awareness when developing solutions to planning and managing automotive vehicle systems.

To be awarded the above mentioned Certificate III students must successfully complete thirty six (36) units of competency.

Block	National Code	Unit Title (abbreviated)	Duration
Year 1			
Block 1	AURASA102	Apply safety	3 days off-the-job at MTA WA
	AURAEA002	Environmental awareness	
	AURTTK102	Tools and equipment	
Block 2	AURTTA104	Servicing	3 days off-the-job at MTA WA
	AURTTE104	Inspect and service engines	
	AURETR125	Batteries	
Block 3	AURTTB101	Inspect and service brakes	3 days off-the-job at MTA WA
	AURLTB103	Diagnose and repair brakes	
	AURTTA118	Diagnostics	
Block 4	AURTTC103	Diagnose and repair cooling systems	3 days off-the-job at MTA WA
	AURTTF101	Service petrol fuel systems	
	AURTTF102	Service diesel fuel systems	
Block 5	AURETR112	Test & repair basic electrical circuits	3 days off-the-job at MTA WA
	AURETR132	Repair electrical systems	
Year 2			
Block 1	AURLTD104	Diagnose and repair steering systems	3 days off-the-job at MTA WA
	AURVTA002	Remove and install SRS systems	
Block 2	AURLTD105	Diagnose and repair suspension	3 days off-the-job at MTA WA
	AURLTD106	Carry out light vehicle wheel alignment operations	
Block 3	AURTTX103	Inspect and service auto transmissions	3 days off-the-job at MTA WA
	AURLTX103	Diagnose and repair clutches	
	AURLTQ102	Repair driveline	
Block 4	AURLTX101	Diagnose and repair light vehicle manual transmissions	3 days off-the-job at MTA WA
	AURLTQ101	Diagnose and repair light vehicle final drive assemblies	
Block 5	AURLTE102	Repair engines	3 days off-the-job at MTA WA
Year 3			
Block 1	AURETR129	Charging systems	3 days off-the-job at MTA WA

# Course Information

	AURETR130	Starting systems	
Block 2	AURETR123	Petrol EFI systems	3 days off-the-job at MTA WA
	AURETR131	Ignition systems	
	AURLTZ101	Emission systems	
Block 3	AURTTF105	Forced induction systems	3 days off-the-job at MTA WA
	AURETR124	Diesel EFI systems	
Block 4	AURETU103	Service air conditioning and HVAC systems	3 days off-the-job at MTA WA
	AURETU104	Diagnose and repair air conditioning and HVAC systems	
Block 5	AURETH101	Depower and reinitialise battery electric vehicles	3 days off-the-job at MTA WA
	AURETH012	Service and maintain hybrid electric vehicles	
	AURETH011	Depower and reinitialise hybrid electric vehicles	

## Delivery period

The program provides apprentices with a structured program covering five blocks of training per year, over three years. This is supported by on the job visits, which includes further training as required in the workplace and assessments to determine the apprentice's competency.

## Mode of delivery

The benefits to apprentices and employers include:

- The program is structured over three years, providing the employer with more access to their apprentices when they are most needed.
- During each year, a set number of units will be commenced and completed, thereby ensuring clarity on the progress of the apprenticeship.
- A defined number of days for classroom training will be allocated to students at the beginning of each year. This will impact less on the employer and minimise disruptions to workplace planning.
- Each apprentice is allocated a minimum number of personal contact hours in the workplace with their trainer/assessor. This will assist the apprentice to

transfer their learning into practical application in the workplace.

- Built into the program is capacity to provide remedial training should it be required by the apprentice to ensure they progress successfully through their program.

This program will address the future requirements for the industry and produce competent and effective trade people.

## Course fees

**LOWER FEES  
LOCAL SKILLS**

Concession	\$1,750.65
No Concession	\$2,919.15

*The total course fees are indicative only and are subject to change given individual circumstances at enrolment. Additional fees may apply*

*All learners are treated equitably, having regard to their particular needs, in order to ensure the provision of every reasonable opportunity for the learner to acquire the competencies of the qualification.*

**Contact us today to fast track your automotive career!**

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