



**DUAL TRADE APPRENTICESHIP**

**Course Overview**

This program offers learners a unique opportunity to master both the mechanical and electrical aspects of automotive technology. Learners will acquire the skills, knowledge and competencies necessary to excel in the ever-developing automotive industry.

**Learning outcomes**

To be awarded the AUR30620 Certificate III in Light Vehicle Mechanical Technology, learners must successfully complete the following 36 units of competency: 20 core (C) units, plus 16 elective (E) units.

To be awarded the AUR30320 Certificate III in Automotive Electrical Technology, learners must successfully complete 32 units of competency: 21 core (C) units, plus 11 elective units (E) units.

*Please note: This course does not fulfil the install air conditioning unit requirements.*

Blocks	Code	Description	AUR 30620	AUR 30320
<b>Year 1</b>				
<b>AUR30620 Certificate III in Light Vehicle Mechanical Technology</b>				
1	AURASA102	Follow safe working practices in an automotive workplace	C	C
	AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	C	C
	AURTTK102	Use and maintain tools and equipment in an automotive workplace	C	E
2	AURTTA104	Carry out servicing operations	C	-
	AURTTE104	Inspect and service engines	C	C
	AURETR125	Test, charge and replace batteries and jump-start vehicles	C	C
3	AURTTB101	Inspect and service braking systems	C	-
	AURLTB103	Diagnose and repair light vehicle hydraulic braking systems	C	-
	AURTTA118	Develop and carry out diagnostic test strategies	C	C
4	AURTTC103	Diagnose and repair cooling systems	C	-
	AURTTF101	Inspect and service petrol fuel systems	C	-
	AURTTF102	Inspect and service diesel fuel injection systems	C	-
5	AURETR112	Test and repair basic electrical circuits	C	-
	AURETR132	Diagnose and repair automotive electrical systems	E	C

Year 2				
6	AURLTD104	Diagnose and repair light vehicle steering systems	C	-
	AURVTA002	Remove and replace vehicle supplementary restraint systems	E	E
7	AURLTD105	Diagnose and repair light vehicle suspension systems	C	-
	AURLTD106	Carry out light vehicle wheel alignment operations	C	-
8	AURTTX103	Inspect and service automatic transmissions	E	-
	AURLTX103	Diagnose and repair light vehicle clutch systems	E	-
	AURLTQ102	Diagnose and repair light vehicle drive shafts	E	-
9	AURLTX101	Diagnose and repair light vehicle manual transmissions	E	-
	AURLTQ101	Diagnose and repair light vehicle final drive assemblies	E	-
10	AURLTE102	Diagnose and repair light vehicle engines	E	-
Year 3				
11	AURETR129	Diagnose and repair charging systems	C	C
	AURETR130	Diagnose and repair starting systems	C	C
12	AURETR123	Diagnose and repair spark ignition engine management systems	C	C
	AURETR131	Diagnose and repair ignition systems	C	C
	AURLTZ101	Diagnose and repair light vehicle emission control systems	C	-
13	AURTTF105	Diagnose and repair engine forced-induction systems	E	-
	AURETR124	Diagnose and repair compression ignition engine management systems	E	C
14	AURETU103	Service air conditioning and HVAC systems	E	E
	AURETU104	Diagnose and repair air conditioning and HVAC components	E	E
15	AURETH011	Depower and reinitialise hybrid electric vehicles	E	E
	AURETH010	Depower and reinitialise battery electric vehicles	E	E
	AURETH012	Service and maintain electrical components in hybrid electric vehicles	E	E
Year 4				
AUR30320 Certificate III in Automotive Electrical Technology				
16	AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	-	C
	AURETK002	Use and maintain electrical test equipment in an automotive workplace	-	C
	AURETR135	Apply knowledge of petrol and diesel engine operation	-	C
	AURETR006	Solder electrical wiring and circuits	-	C
17	AURETR009	Install vehicle lighting and wiring systems	-	C
	AURETR027	Install ancillary electronic systems and components	-	C
	AURETR011	Install basic ancillary electrical systems and components	-	E
18	AURETR128	Diagnose and repair instruments and warning systems	-	C
	AURETR010	Repair wiring harnesses and looms	-	C
19	AURETR143	Diagnose and repair electronic body management systems	-	C
	AURETR122	Diagnose and repair vehicle dynamic control systems	-	E
20	AURETR120	Diagnose and repair network electronic control systems	-	E
	AURETR144	Diagnose and repair integrated engine and transmission management systems	-	E

### Duration

The term for completion of this qualification is 6 years. These dual trade qualifications are completed concurrently, due to the duplication of the units of competency. We have clustered units of competency into blocks, which typically contain 2-3 units of competency. On completion of the 20 blocks, it is expected there will be 6-18 months to finalise all assessments for the qualifications. This process contributes to the overall 6-year duration.

## Mode of Delivery

The program offers apprentices a structured training schedule with five blocks of training each year for 4 years. Each block consists of 3 days of off-the-job training. This is supported by on-the-job visits for additional training and assessment to determine their competency.

## Benefits for Apprentices and Employers

- The program is structured over 4 years and apprentices will only be off-the-job for 3 days at a time, per block.
- Disruption to employers' schedules is minimised and employers have more access to their apprentices, compared to other training providers offering the same qualification.
- Each year, a specific set of units is undertaken, ensuring clear progress tracking for apprenticeships.
- Employers have a defined number of days for classroom training allocated to the learners at the beginning of each year, reducing impact on workplace operations.
- Each apprentice is allocated a minimum number of contact hours in the workplace with their Trainer Assessor. This will assist the apprentice to transfer their learning into practical application in the workplace.
- The program accommodates remedial training (if needed) to ensure successful progression.
- This program will address the future requirements for the industry and produce skilled and effective trade people.

## Fee Structure

Course Codes and Titles	Tuition Fees		Resource Fees	Total Fees	
	Full Fees	Concession	Fees	Full Fees	Concession
AUR30620 - Certificate III in Light Vehicle Mechanical Technology* <b>LOWER FEES LOCAL SKILLS</b>	\$ 1660.50	\$492.00	\$1245.00	\$2905.50	\$1737.00
AUR30320 – Certificate III in Automotive Electrical Technology* (These fees cover the additional units that are not delivered in AUR30620) <b>LOWER FEES LOCAL SKILLS</b>	\$714.42	\$211.68	\$384.00	\$1098.42	\$595.68
<b>Fee Grand Total</b>				<b>\$4003.92</b>	<b>\$2332.68</b>

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

\*In 2024 the annual fee cap for non-concession learners undertaking a Lower Fees, Local Skills (LFLS) course is \$1,200.00. For concession learners and youth, the annual fee cap is \$400 (plus resources fees). The LFLS incentive pricing applies to WA Residents only.

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.

## Special Requirements

This course is part of an apprenticeship, so you need to be employed in a training contract with a suitable organisation to enrol.

**Please contact our Registered Training Organisation for more information**

website: [www.mtawa.com.au](http://www.mtawa.com.au) | phone: (08) 9233 9800 | email: [studentinfo@mtawa.com.au](mailto:studentinfo@mtawa.com.au)

