

CERTIFICATE III IN LIGHT VEHICLE MECHANICAL TECHNOLOGY

AQF CODE N/A | COURSE CODE AUR30620 | COURSE TYPE Qualification | RTO 3097

Overview

This course is offered as an apprenticeship for people employed as an apprentice in the light vehicle industry. Throughout this course apprentices will develop the skills and required competencies to perform safe work practices and a broad range of mechanical work on light vehicles within the service and repair sector of the Automotive industry.

Duration

APPRENTICESHIP, PART-TIME: 4 YEARS

Requirements

- You need basic literacy and numeracy skills.
- You must be employed in the field and/or currently undertaking a apprenticeship.
- Please note food requirements - There are no canteen facilities available at our Logic Campus. There are vending machines with limited options and a BP Service Station located within 5 minutes drive of the campus, hence you are recommended to bring your own food and drinks when completing a course at Logic.
- Apprentices MUST have their own steel capped boots & appropriate clothing for workshop activities.

Assessment

The assessments will enable students to demonstrate the underpinning knowledge, skills and attributes required to meet the course outcomes. These will involve the assessment of your practical and theoretical knowledge through written assignments and practical project work.

Learning Outcomes

This course covers a full range of skills required in the automotive trade including:

- Inspecting and servicing petrol and diesel engines,
- Manual and automatic transmissions,
- Steering,
- Suspension and brakes.
- Diagnose and repair electronic body management systems and emission controls systems

Compulsory Units

AURAEA002 - Follow environmental and sustainability best practice in an automotive workplace

AURASA102 - Follow safe working practices in an automotive workplace

AURETR112 - Test and repair basic electrical circuits

AURETR123 - Diagnose and repair spark ignition engine management systems

AURETR125 - Test, charge and replace batteries and jump-start vehicles

AURETR129 - Diagnose and repair charging systems

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AURETR130 - Diagnose and repair starting systems
AURETR131 - Diagnose and repair ignition systems
AURLTB103 - Diagnose and repair light vehicle hydraulic braking systems
AURLTD104 - Diagnose and repair light vehicle steering systems
AURLTD105 - Diagnose and repair light vehicle suspension systems
AURLTE102 - Diagnose and repair light vehicle engines
AURLTZ101 - Diagnose and repair light vehicle emission control systems
AURTTA104 - Carry out servicing operations
AURTTA118 - Develop and carry out diagnostic test strategies
AURTTB101 - Inspect and service braking systems
AURTTTC103 - Diagnose and repair cooling systems
AURTTE104 - Inspect and service engines
AURTTF101 - Inspect and service petrol fuel systems
AURTTK102 - Use and maintain tools and equipment in an automotive workplace

Selectable Units

AURETR010 - Repair wiring harnesses and looms
AURETR122 - Diagnose and repair vehicle dynamic control systems
AURETR132 - Diagnose and repair automotive electrical systems
AURETR143 - Diagnose and repair electronic body management systems
AURETU103 - Service air conditioning and HVAC systems
AURLTB001 - Overhaul light vehicle braking system components
AURLTD106 - Carry out light vehicle wheel alignment operations
AURLTE001 - Remove and install light vehicle engine assemblies
AURLTJ102 - Remove, inspect, repair and refit light vehicle tyres and tubes
AURLTQ101 - Diagnose and repair light vehicle final drive assemblies
AURLTQ102 - Diagnose and repair light vehicle drive shafts
AURLTX101 - Diagnose and repair light vehicle manual transmissions
AURLTX102 - Diagnose and repair light vehicle automatic transmissions
AURLTX103 - Diagnose and repair light vehicle clutch systems
AURTTA017 - Carry out vehicle safety inspections
AURTTA105 - Select and use bearings, seals, gaskets, sealants and adhesives
AURTTD004 - Inspect and service suspension systems
AURTTD005 - Overhaul steering system components
AURTTF102 - Inspect and service diesel fuel injection systems
AURTTF105 - Diagnose and repair engine forced-induction systems
AURTTK001 - Use and maintain measuring equipment in an automotive workplace
AURTTX007 - Overhaul clutch assemblies
AURTTX008 - Overhaul manual transmissions
AURTTX102 - Inspect and service manual transmissions
AURTTX103 - Inspect and service automatic transmissions

Certification

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By successfully completing this course you will receive an AQF Qualification.

Careers

Automotive Technician Light Vehicle Mechanic Motor Mechanic

Fees

2025	Tuition	Materials	Total
Government Funded	\$3,013	-	\$3,013
Concession	\$603	-	\$603
Full Tuition	\$10,845	-	\$10,845

Fees Additional Information

The units you will undertake in your studies vary depending upon your line of work and/or personal choice. This means prices for tuition fees can only be given as an approximation.

The student tuition fees published are indicative only and can be subject to change given individual circumstances at the time of enrolment.

Funding made available to eligible individuals by State and Commonwealth Governments. If funding is utilised, this may affect future opportunities to access additional funding in the future. For more information see 'Fee information and eligibility' under the Enrol Now tab on the Wodonga TAFE website.