



Australian Government

AUR30820 Certificate III in Motorcycle Mechanical Technology

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Modification History

Release	Comments
2	Superseded elective units updated AURETR053 Apply awareness of Advanced Rider Assistance Systems (ARAS) has been added to the general electives
1	This qualification was first released in AUR Automotive Retail, Service and Repair Training Package Release 6.0.

Qualification Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of motorcycles in the automotive service and repair industry.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil.

Packaging Rules

Total number of units = 36

23 core units, plus

13 elective units, of which:

- all **13** units may be from the elective units listed below
- up to **6** units may be from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course.

Elective units chosen must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid vocational outcome.

Core 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
- AURETR125 Test, charge and replace batteries and jump-start vehicles
- AURETR131 Diagnose and repair ignition systems
- AURJTB101 Diagnose and repair motorcycle braking systems
- AURJTD103 Diagnose and repair motorcycle suspension systems
- AURJTD104 Diagnose and repair motorcycle steering systems
- AURJTE101 Diagnose and repair motorcycle engines
- AURJTE103 Inspect and service motorcycle engines
- AURJTE104 Diagnose and repair motorcycle engine management systems
- AURJTQ102 Diagnose and repair motorcycle driveline systems
- AURJTR102 Diagnose and repair motorcycle charging systems
- AURJTR103 Diagnose and repair motorcycle starting systems
- AURJTR104 Diagnose and repair motorcycle dynamic control systems
- AURJTX101 Diagnose and repair motorcycle clutch systems
- AURJTX102 Diagnose and repair motorcycle manual transmissions
- AURTTA118 Develop and carry out diagnostic test strategies
- AURTTB101 Inspect and service braking systems
- AURTTTC103 Diagnose and repair cooling systems
- AURTTTF101 Inspect and service petrol fuel systems
- AURTTTF106 Diagnose and repair petrol carburettor systems
- AURTTK102 Use and maintain tools and equipment in an automotive workplace

Elective Units

- AURACA101 Respond to customer needs and enquiries in an automotive workplace
- AURAF103 Communicate effectively in an automotive workplace
- AURETR053 Apply awareness of Advanced Rider Assistance Systems (ARAS)
- AURETR116 Read and apply vehicle wiring schematics and drawings
- AURETR122 Diagnose and repair vehicle dynamic control systems
- AURETR123 Diagnose and repair spark ignition engine management systems
- AURETR129 Diagnose and repair charging systems
- AURETR130 Diagnose and repair starting systems
- AURETR132 Diagnose and repair automotive electrical systems

- AURJTJ001 Remove, inspect and refit motorcycle wheel and tyre assemblies
- AURJTJ102 Remove, inspect, repair and refit motorcycle tyres and tubes
- AURJTQ001 Inspect and service motorcycle driveline systems
- AURJTX103 Diagnose and repair motorcycle automatic transmissions
- AURLTD104 Diagnose and repair light vehicle steering systems
- AURLTD105 Diagnose and repair light vehicle suspension systems
- AURLTJ202 Remove, inspect, repair and refit light vehicle tyres
- AURLTQ101 Diagnose and repair light vehicle final drive assemblies
- AURLTQ102 Diagnose and repair light vehicle drive shafts
- AURLTZ101 Diagnose and repair light vehicle emission control systems
- AURSCA106 Promote automotive products and services
- AURTTA009 Carry out mechanical pre-repair operations
- AURTTA104 Carry out servicing operations
- AURTTA105 Select and use bearings, seals, gaskets, sealants and adhesives
- AURTTTC001 Inspect and service cooling systems
- AURTTE104 Inspect and service engines
- AURTTQ001 Inspect and service final drive assemblies
- AURTTQ103 Inspect and service drive shafts
- AURTTZ102 Diagnose and repair exhaust systems
- AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting
- AURVTW101 Carry out manual metal arc welding on components
- AURVTW109 Carry out basic gas metal arc welding

Pre-requisite Requirements

There are no prerequisite requirements for this qualification.

Qualification Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
AUR30820 Certificate III in Motorcycle Mechanical Technology	AUR30816 Certificate III in Motorcycle Mechanical Technology		Not equivalent

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/AUR>.