Australian Government

AUR30816 Certificate III in Motorcycle Mechanical Technology

Release 2

AUR30816 Certificate III in Motorcycle Mechanical Technology

Modification History

Release	Comment
Release 2	Updates to elective bank.
Release 1	New qualification.

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.

Entry Requirements

This qualification may be accessed by direct entry.

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

Packaging Rules

Total number of units = 36

24 core units, plus

12 elective units, of which:

- up to **12** units may be chosen from the Elective Units listed below
- up to **6** units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an

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	automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR023	Diagnose and repair spark ignition engine management systems
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURETR031	Diagnose and repair ignition systems
AURJTB001	Diagnose and repair motorcycle braking systems
AURJTD003	Diagnose and repair motorcycle suspension systems
AURJTD004	Diagnose and repair motorcycle steering systems
AURJTE001	Diagnose and repair motorcycle engines
AURJTQ002	Diagnose and repair motorcycle driveline systems
AURJTX001	Diagnose and repair motorcycle clutch systems
AURJTX002	Diagnose and repair motorcycle manual transmissions
AURTTA018	Carry out diagnostic procedures
AURTTB001	Inspect and service braking systems
AURTTC003	Diagnose and repair cooling systems
AURTTE004	Inspect and service engines
AURTTF001	Inspect and service petrol fuel systems
AURTTF006	Diagnose and repair petrol carburettor systems
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies
AURTTQ003	Inspect and service drive shafts

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Elective Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAFA003	Communicate effectively in an automotive workplace
AURETR022	Diagnose and repair vehicle dynamic control systems
AURJTJ001	Remove, inspect and refit motorcycle wheel and tyre assemblies
AURJTJ002	Remove, inspect, repair and refit motorcycle tyres and tubes
AURJTQ001	Inspect and service motorcycle driveline systems
AURJTX003	Diagnose and repair motorcycle automatic transmissions
AURLTD004	Diagnose and repair light vehicle steering systems
AURLTD005	Diagnose and repair light vehicle suspension systems
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes
AURLTQ001	Diagnose and repair light vehicle final drive assemblies
AURLTQ012	Diagnose and repair light vehicle drive shafts
AURLTZ001	Diagnose and repair light vehicle emission control systems
AURSCA006	Promote automotive products and services
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA009	Carry out mechanical pre-repair operations
AURTTC001	Inspect and service cooling systems
AURTTZ002	Diagnose and repair exhaust systems
AURVTW001	Carry out manual metal arc welding on components
AURVTW009	Carry out basic gas metal arc welding
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting

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Qualification Mapping Information

Equivalent to AUR30812 Certificate III in Motorcycle Mechanical Technology

Links

Companion Volume Implementation Guides are found in VETNet - https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-7804 5ec695b1