



Australian Government

AUR40816 Certificate IV in Automotive Mechanical Overhauling

Release 1

AUR40816 Certificate IV in Automotive Mechanical Overhauling

Modification History

Release	Comment
Release 1	New qualification.

Qualification Description

This qualification reflects the role of individuals who perform advanced troubleshooting and repair tasks in the automotive retail, service and repair industry.

Entry Requirements

Those undertaking Certificate IV in Automotive Mechanical Overhauling must have completed an automotive mechanical Certificate III qualification, or be able to demonstrate equivalent competency.

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

Packaging Rules

Total number of units = 10

1 core unit, plus

9 elective units, of which:

- up to **9** units may be chosen from the Elective Units listed below
- up to **2** units may be chosen from a Certificate III 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
AURTTA021	Diagnose complex system faults

Elective Units

Unit code	Unit title
AURETR017	Overhaul charging system alternators
AURETR018	Overhaul starting system motors
AURETU007	Overhaul air conditioning and HVAC system compressors
AURHTB003	Overhaul hydraulic and air over hydraulic braking system components
AURHTB004	Overhaul air braking system components
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURLTB001	Overhaul light vehicle braking system components
AURLTD006	Carry out light vehicle wheel alignment operations
AURMTA007	Conduct non-destructive testing
AURMTE001	Test engines using a dynamometer
AURPTE004	Overhaul outdoor power equipment engines
AURRTE011	Overhaul two and four-stroke cycle marine outboard engines
AURTTD005	Overhaul steering system components

Unit code	Unit title
AURTTE005	Overhaul engines
AURTTF003	Overhaul diesel fuel injection system components
AURTTF007	Overhaul carburettor fuel system components
AURTTM001	Operate and monitor computer numerical control machines
AURTTM002	Repair bearing tunnels and connecting rods in engines
AURTTM003	Apply metal to rebuild engine components
AURTTM004	Assemble engine blocks and sub-assemblies
AURTTM005	Balance rotating and reciprocating engine components
AURTTM006	Perform advanced machining and blueprinting of engine components
AURTTM007	Carry out crankshaft grinding
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies
AURTTM009	Fit sleeves and bore and hone engine cylinders
AURTTM010	Heat treat, straighten and reclaim engine components
AURTTM011	Recondition engine cylinder heads
AURTTQ004	Overhaul final drive assemblies
AURTTW003	Carry out machining operations
AURTTX007	Overhaul clutch assemblies
AURTTX008	Overhaul manual transmissions
AURTTX009	Overhaul automatic transmissions
AURTTX010	Overhaul hydrostatic transmissions

Qualification Mapping Information

Equivalent to AUR40812 Certificate IV in Automotive Mechanical Overhauling

Links

Implementation Guide -

http://companion_volumes.vetnet.education.gov.au/Pages/TrainingPackage.aspx?pid=2