



Australian Government

AUR40216 Certificate IV in Automotive Mechanical Diagnosis

Release 1

AUR40216 Certificate IV in Automotive Mechanical Diagnosis

Modification History

Release	Comment
Release 1	New qualification.

Qualification Description

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

Entry Requirements

Those undertaking the Certificate IV in Automotive Mechanical Diagnosis 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	Prerequisite unit
AURTTA021	Diagnose complex system faults	

Elective Units

Unit code	Unit title	Prerequisite unit
AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles	AURETH001
AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles	AURETH001
AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles	AURETH001
AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	AURETH001
AURETH007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	AURETH001
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle	AURETH001
AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles	AURETH001 AURETR025
AURETH010	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles	AURETR025

Unit code	Unit title	Prerequisite unit
AURETR037	Diagnose complex faults in light vehicle safety systems	
AURETU006	Diagnose complex faults in air conditioning and HVAC systems	
AURHTB006	Diagnose complex faults in heavy commercial vehicle braking systems	
AURHTD006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	
AURHTE003	Diagnose complex faults in heavy vehicle diesel engines	
AURHTX006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	
AURJTD005	Diagnose complex faults in motorcycle steering and suspension systems	
AURJTE002	Diagnose complex faults in motorcycle engine and transmission systems	
AURKTA009	Diagnose complex faults in mobile plant hydraulic systems	
AURKTB003	Diagnose complex faults in mobile plant braking systems	
AURKTD005	Diagnose complex faults in mobile plant steering and suspension systems	
AURKTX003	Diagnose complex faults in mobile plant transmission and driveline systems	
AURLTB004	Diagnose complex faults in light vehicle braking systems	
AURLTD009	Diagnose complex faults in light vehicle steering and suspension systems	
AURLTE004	Diagnose complex faults in light vehicle petrol engines	
AURLTE005	Diagnose complex faults in light vehicle diesel engines	
AURLTX004	Diagnose complex faults in light vehicle automatic transmission and driveline systems	
AURMTA007	Conduct non-destructive testing	

Unit code	Unit title	Prerequisite unit
AURMTE001	Test engines using a dynamometer	
AURMTF001	Analyse and repair performance carburetted fuel systems	
AURMTF002	Analyse and repair performance fuel injection systems	
AURMTQ001	Analyse and repair faults in performance driveline systems	
AURTTA025	Diagnose complex faults in vehicle integrated stability control systems	
AURTTA026	Diagnose complex faults in electronic over hydraulic systems	
AURTTL011	Diagnose complex faults in CNG fuel systems	
AURTTL012	Diagnose complex faults in LNG fuel systems	
AURTTL013	Diagnose complex faults in LPG fuel systems	
AURTTTR001	Diagnose complex faults in engine management systems	

Qualification Mapping Information

Equivalent to AUR40212 Certificate IV in Automotive Mechanical Diagnosis

Links

Implementation Guide -

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