



Australian Government

AUR50216 Diploma of Automotive Technology

Release 4

AUR50216 Diploma of Automotive Technology

Modification History

Release	Comment
Release 4	<p>This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.1.</p> <p>The following elective units of competency have been deleted as directed by the AISC:</p> <ul style="list-style-type: none"> • AURHTX005 Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems • AURJTA003 Analyse and evaluate faults in motorcycle engine and transmission systems • AURJTB002 Analyse and evaluate faults in motorcycle braking systems • AURJTD006 Analyse and evaluate faults in motorcycle steering, suspension and frame systems • AURJTR001 Analyse and evaluate faults in motorcycle electrical and electronic systems • AURKTA006 Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems • AURKTA007 Analyse and evaluate faults in mobile plant hydraulic systems • AURKTD003 Analyse and evaluate faults in wheeled mobile plant steering and suspension systems • AURKTD004 Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems • AURKTE001 Analyse and evaluate faults in mobile plant engine and fuel systems • AURKTX002 Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems • AURRTA007 Analyse and evaluate faults in light marine hydraulic systems • AURRTA008 Analyse and evaluate faults in light marine hull performance and stability systems • AURRTE012 Analyse and evaluate faults in light marine engine and powerhead systems • AURRTX005 Analyse and evaluate faults in light marine transmission systems • AURTTA023 Develop and apply hydraulic system modifications • AURTTA024 Develop and apply pneumatic system modifications

	<ul style="list-style-type: none"> AURTTL015 Develop and apply gas fuel system modifications. <p>The above training products were identified as having zero enrolments over a three year period.</p>
Release 3	<p>This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0.</p> <p>Release created to reflect updated units of competency.</p>
Release 2	Update of imported unit in elective bank.
Release 1	New qualification.

Qualification Description

This qualification reflects the role of individuals who diagnose, analyse, evaluate, design and modify vehicle systems in the automotive retail, service and repair industry.

Entry Requirements

Those undertaking the Diploma of Automotive Technology must have completed an automotive Certificate IV qualification in one of the following disciplines, or be able to demonstrate equivalent competency.

- AUR40216 Certificate IV in Automotive Mechanical Diagnosis
- AUR40816 Certificate IV in Automotive Mechanical Overhauling

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

Packaging Rules

Total number of units = 12

1 core unit, plus

11 elective units, of which:

- up to 11 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV 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
AURFA007	Develop and document specifications and procedures

Elective Units

Unit code	Unit title
AURFA006	Conduct research and present technical reports
AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications
AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems

Unit code	Unit title
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURTNA001	Estimate and quote automotive vehicle or machinery modifications
AURTTA022	Develop and apply mechanical system modifications
AURTTL014	Analyse and evaluate faults in gas fuel systems
AURVTN134	Evaluate vehicle body repair materials, equipment and work processes
MSMENV472	Implement and monitor environmentally sustainable work practices
MSMENV672	Develop workplace policy and procedures for environmental sustainability

Qualification Mapping Information

Equivalent to AUR50212 Diploma of Automotive Technology

Links

Companion Volume Implementation Guide is found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>