



Australian Government

AUR Automotive Retail, Service and Repair Training Package

Release 2.1

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AUR Automotive Retail, Service and Repair Training Package

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Links

Implementation Guide - <http://www.asacompanionvolumes.com.au/aur-implementation-guide>

Learning Strategies Guide - <http://www.asacompanionvolumes.com.au/aur-learning-guide>

Assessment Strategies Guide -

<http://www.asacompanionvolumes.com.au/aur-assessment-guide>

AUR30514 Certificate III in Marine Mechanical Technology

Modification History

Release	Comment
Release 1	New Qualification

Qualification Description

This qualification reflects the role of individuals who perform a range of tasks in the marine industry. It is suitable for entry into the marine mechanical service and repair sector.

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 = 30

11 core units

19 elective units, of which:

- up to **19** elective units may be chosen from the elective units listed below
- up to **5** elective 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
AURASA2002	Apply safe working practices in an automotive workplace
AURETR2012	Test and repair basic electrical circuits
AURETR3025	Test, charge and replace batteries
AURETR3029	Diagnose and repair charging systems
AURETR3030	Diagnose and repair starting systems
AURREA2001	Apply environmental and sustainability best practice in a marine workplace
AURRTE3005	Diagnose and repair marine electrical systems and components
AURRTE3008	Install marine engines, controls and instruments
AURRTR3002	Install marine electronic systems and components
AURTE3001	Apply knowledge of engine science
AURTTK2002	Use and maintain workplace tools and equipment

Elective Units

Unit code	Unit title
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
AURAF2003	Communicate effectively in an automotive workplace
AURAF2004	Solve routine problems in an automotive workplace
AURAF2005	Write routine texts in an automotive workplace

Unit code	Unit title
AURAMA2001	Work effectively with others
AURAMA2002	Communicate business information
AURAQA2001	Contribute to quality work outcomes
AURETB3001	Repair electric braking systems
AURETK2002	Use and maintain automotive electrical test equipment
AURETR2006	Carry out soldering of electrical wiring and circuits
AURETR2009	Install, test and repair vehicle lighting and wiring systems
AURETR2011	Install and test basic ancillary electrical components
AURETR2015	Inspect and service batteries
AURETR3021	Inspect, service and repair electronic management, monitoring and tracking systems
AURETR3023	Diagnose and repair electronic spark ignition engine management systems
AURETR3024	Diagnose and repair electronic compression ignition engine management systems
AURETR3026	Remove, replace and program electrical and electronic units and assemblies
AURETR3028	Diagnose and repair instruments and warning systems
AURETR3031	Diagnose and repair ignition systems
AURETR3032	Repair electrical systems
AURHTZ3001	Diagnose and repair heavy vehicle emission control systems
AURLTB3003	Diagnose and repair light vehicle hydraulic braking systems
AURRGA3001	Launch and recover a vessel using a trailer
AURRGA3002	Launch and recover a vessel from crane, gantry and forklift
AURRGA3003	Moor a motor-driven vessel
AURRTA2001	Service deck, hull and cabin equipment
AURRTA3002	Carry out hull repairs

Unit code	Unit title
AURRTA3003	Winterise vessel and engine systems
AURRTA3004	Recommission vessel systems
AURRTA3005	Repair deck, hull and cabin equipment
AURRTA3006	Water test a vessel
AURRTD3001	Diagnose and repair marine steering systems
AURRTE2002	Service outboard engines and components
AURRTE2003	Service inboard engines and components
AURRTE3006	Diagnose and repair outboard engines and components
AURRTE3007	Diagnose and repair inboard engines and components
AURRTE3009	Recommission marine engine systems
AURRTE3010	Water test engines in tanks
AURRTE4011	Overhaul two and four cycle outboard engines
AURRTQ2001	Service inboard propeller drive systems
AURRTQ2002	Service jet drive propulsion systems
AURRTQ3003	Install inboard propeller drive systems
AURRTQ3004	Diagnose and repair inboard propeller drive systems
AURRTQ3005	Install jet drive propulsion systems
AURRTQ3006	Diagnose and repair jet drive propulsion systems
AURRTR3003	Test, diagnose and repair marine electronic systems and components
AURRTR3004	Install marine electrical systems and components
AURRTX2001	Service marine outboard and stern drive transmissions
AURRTX2002	Service marine inboard transmissions
AURRTX3003	Diagnose and repair marine outboard and stern drive transmissions
AURRTX3004	Diagnose and repair marine inboard transmissions

Unit code	Unit title
AURTGA3001	Drive and manoeuvre trailers
AURTTA2010	Service and repair trailers up to 4.5 tonnes
AURTTA3013	Repair hydraulic systems
AURTTA3018	Carry out diagnostic procedures
AURTTA3019	Carry out advanced diagnostic procedures
AURTTA4021	Carry out diagnosis of complex system faults
AURTTB2001	Inspect and service braking systems
AURTTF2002	Service diesel fuel injection systems
AURTTF3004	Repair diesel fuel injection systems
AURTTF3005	Inspect and repair engine forced induction systems
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
AURVTW2001	Carry out manual metal arc welding procedures
AURVTW2003	Carry out gas metal arc welding procedures
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
BSBFLM312C	Contribute to team effectiveness
BSBWOR202A	Organise and complete daily work activities
BSBWOR301B	Organise personal work priorities and development
MEM09002B	Interpret technical drawing
TLID1001A	Shift materials safely using manual handling methods
TLILIC2001A	Licence to operate a forklift truck

Qualification Mapping Information

No equivalent qualification.

Links

Implementation Guide - <http://www.asacompanionvolumes.com.au/aur-implementation-guide>

AUR31114 Certificate III in Heavy Commercial Vehicle Mechanical Technology

Modification History

Release	Comment
Release 1	New Qualification
Release 2	Corrections to metadata

Qualification Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of heavy commercial vehicles in the automotive mechanical service and repair sector.

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

22 core units

14 elective units, of which:

- a unit must be chosen from one of the Specialist Elective Unit Groups below
- of the remaining units required to make up the elective unit total:
 - up to **13** elective units may be chosen from the Specialist Elective Unit Group not already chosen, and General Elective Units listed below
 - up to **6** elective 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
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
AURASA2002	Apply safe working practices in an automotive workplace
AURETR2012	Test and repair basic electrical circuits
AURETR3022	Diagnose and repair vehicle dynamic control systems
AURETR3024	Diagnose and repair electronic compression ignition engine management systems
AURETR3025	Test, charge and replace batteries
AURETR3029	Diagnose and repair charging systems
AURETR3030	Diagnose and repair starting systems
AURHTB3001	Repair air braking systems
AURHTD3002	Repair steering systems (heavy vehicle)
AURHTD3003	Repair suspension systems (heavy vehicle)
AURHTE3002	Repair engines and associated engine components (heavy vehicle)
AURHTQ3003	Repair final drive - driveline (heavy vehicle)
AURHTZ3001	Diagnose and repair heavy vehicle emission control systems
AURTTA2004	Carry out servicing operations

Unit code	Unit title
AURTTA2006	Service hydraulic systems
AURTTA3018	Carry out diagnostic procedures
AURTTT3003	Diagnose and repair cooling systems
AURTTT2002	Service diesel fuel injection systems
AURTTT3005	Inspect and repair engine forced induction systems
AURTTK2002	Use and maintain workplace tools and equipment
AURTTQ2001	Service final drive assemblies

Specialist Elective Unit Groups**Group A: Heavy Vehicle Manual Transmission**

Unit code	Unit title
AURHTX3001	Repair transmissions - manual (heavy vehicle)

Group B: Heavy Vehicle Automatic Transmission

Unit code	Unit title
AURHTX3003	Repair transmissions - automatic (heavy vehicle)

General Elective Units

Unit code	Unit title
AURAF2003	Communicate effectively in an automotive workplace
AURAMA2001	Work effectively with others
AURETR3020	Repair electronic systems
AURETR3032	Repair electrical systems
AURETR3043	Service and repair electronic body management systems
AURETR3044	Service and repair electronic drive management systems
AURETU2003	Service air conditioning and HVAC systems
AURETU3004	Diagnose and repair air conditioning and HVAC systems

Unit code	Unit title
AURETU3005	Retrofit and modify air conditioning and HVAC systems
AURHTB3002	Diagnose and repair heavy vehicle hydraulic braking systems
AURHTB3007	Diagnose and repair heavy vehicle electronic braking systems
AURHTD3004	Carry out wheel alignment operations (heavy vehicle)
AURHTE2001	Remove and install heavy vehicle engine assemblies
AURHTJ2003	Remove, inspect, and refit heavy vehicle wheel assemblies
AURHTJ2006	Remove, inspect, repair and fit tyres and tubes (heavy)
AURHTQ3002	Repair final drive assemblies (heavy vehicle)
AURHTX3002	Inspect, test and replace transmissions - automatic (heavy vehicle)
AURHTX3004	Diagnose and repair heavy vehicle clutch systems
AURTTA2005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA3013	Repair hydraulic systems
AURTTA3014	Assemble and install pneumatic systems and components
AURTTB2001	Inspect and service braking systems
AURTTB2004	Inspect and service air braking systems
AURTTB3006	Inspect, service and repair auxiliary braking systems
AURTTD2002	Inspect and service steering systems
AURTTD2004	Inspect and service suspension systems
AURTTE2004	Inspect and service engines
AURTTF3004	Repair diesel fuel injection systems
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
AURTTX2002	Inspect and service transmissions (manual)
AURTTX2003	Inspect and service transmissions (automatic)
AURTTZ2002	Repair exhaust system components

Unit code	Unit title
AURVTW2001	Carry out manual metal arc welding procedures
AURVTW2003	Carry out gas metal arc welding procedures
AURVTW2004	Carry out gas tungsten arc welding procedures
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures

Qualification Mapping Information

No equivalent qualification.

Links

Implementation Guide - <http://www.asacompanionvolumes.com.au/aur-implementation-guide>

AUR32613 Certificate III in Automotive Tyre Management

Modification History

Release	Comment
Release 1	New qualification
Release 2	Superseded imported units updated

Qualification Description

This qualification reflects the role of individuals who perform a range of tasks related to managing tyres in the automotive industry.

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

Entry Requirements

Those undertaking Certificate III in Automotive Tyre Management must have completed the Certificate II in Automotive Tyre Servicing Technology from AUR12 or be able to demonstrate equivalent competency.

Packaging Rules

Total number of units = 12

- **7 core units**
- **5 elective units**, of which:
 - up to **5** elective units may be chosen from the elective units listed below
 - up to **2** elective 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
AURAEA3003	Monitor environmental and sustainability best practice in the automotive mechanical industry
AURAMA3003	Conduct information sessions
AURAQA3003	Maintain quality systems
AURATA3004	Provide technical guidance
AURKKJ001	Manage use of tyre management software
AURLTJ3004	Provide advice on the effects of wheel and tyre combinations
FDFPPL3003A	Support and mentor individuals and groups

Elective Units

Unit code	Unit title
AUMAQA001	Apply quality assurance techniques
AURACA3002	Establish customer requirements of a complex nature
AURAF2003	Communicate effectively in an automotive workplace

Unit code	Unit title
AURAF2004	Solve routine problems in an automotive workplace
AURAKA3002	Adapt work processes to new technologies
AURAMA2002	Communicate business information
AURAMA3004	Maintain business image
AURAQA2001	Contribute to quality work outcomes
AURAQA3002	Inspect technical quality of work
AURASA2002	Apply safe working practices in an automotive workplace
AURHTJ2002	Select heavy vehicle tyres and rims for specific applications
AURKTJ003	Perform minor repairs to earthmoving and off-the-road tyres
AURKTJ004	Conduct non-destructive testing of wheel and rim assemblies
AURKTJ005	Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications
AURKTJ006	Use earthmoving and off-the-road tyre handlers
AURLTJ2001	Select tyres and rims for specific applications (light)
AURSAA2001	Process customer complaints
AURSCA2002	Present stock and sales area
AURSCA2004	Carry out cash, credit and funds transfers
BSBPRO401A	Develop product knowledge
BSBWOR204A	Use business technology
CSCORG301A	Prepare reports
HLTAID003	Provide First Aid
MSAPMSUP390A	Use structured problem solving tools
PMBPROD336A	Inspect heavy off-the-road tyres
RJICOM201D	Communicate in the workplace

Unit code	Unit title
RIIQUA201D	Maintain and monitor site quality standards
RIIRIS201D	Conduct local risk control
RIIRIS301D	Apply risk management processes
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIWHS204D	Work safely at heights
RIIWHS301D	Conduct safety and health investigations
SIRXINV001A	Perform stock control procedures
SIRXINV002A	Maintain and order stock
SIRXMER201	Merchandise products
SIRXRSK002A	Maintain store security
TAEDEL301A	Provide work skill instruction

Qualification Mapping Information

No equivalent qualification.

Links

Implementation Guide - <http://www.asacompanionvolumes.com.au/aur-implementation-guide>

AUR40514 Certificate IV in Vehicle Loss Assessing

Modification History

Release	Comment
Release 1	New Qualification

Qualification Description

This qualification reflects the role of individuals who perform a range of high level evaluation and assessment functions in the vehicle loss assessing industry.

Entry Requirements

Entry Requirements

Those undertaking Certificate IV in Vehicle Loss Assessing are required to have completed an automotive Certificate III qualification in one of the following disciplines.

- Automotive vehicle body or equivalent
- Automotive paint or equivalent
- Automotive mechanical or equivalent
- Automotive electrical or equivalent

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

Packaging Rules

Total number of units = 17

11 core units

6 elective units, of which:

- up to **6** elective units may be chosen from the elective units listed below
- up to **3** elective 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
AURVLA001	Identify and report vehicle claim fraud indicators
AURVNA001	Provide vehicle loss assessments and identify repair requirements
AURVNA002	Provide vehicle total loss assessments
AURVNA003	Review vehicle repair quotations
AURVNA004	Apply insurance industry knowledge to vehicle loss assessments
AURVNA005	Inspect quality of vehicle repair work
AURVNA006	Identify and value vehicle salvage
AURVNA007	Apply automotive mechanical and electrical knowledge to vehicle loss assessments
AURVNA008	Apply automotive body and paint knowledge to vehicle loss assessments
AURVNN001	Evaluate vehicle bodywork for damage and identify repair requirements
AURVNP001	Evaluate vehicle paintwork for damage and identify refinish requirements

Elective Units

Unit code	Unit title
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
AURAEA4004	Manage environmental compliance in an automotive workplace
AURAKA2001	Use information technology systems

AURAMA4005	Manage complex customer issues
AURVTA3004	Inspect vehicle systems and determine preferred repair action
BSBCCO405A	Survey stakeholders to gather and record information
BSBMGT403A	Implement continuous improvement
BSBREL402A	Build client relationships and business networks
BSBWHS301A	Maintain workplace safety
BSBWOR401A	Establish effective workplace relationships
BSBWOR404B	Develop work priorities
BSBWRK408A	Undertake negotiations
FNSPIM410A	Collect, assess and use information
PSPTRAN501A	Provide specialist vehicle technical advice

Qualification Mapping Information

No equivalent qualification.

Links

Implementation Guide - <http://www.asacompanionvolumes.com.au/aur-implementation-guide>