



Australian Government

AUR20712 Certificate II in Automotive Vocational Preparation

Release 3

AUR20712 Certificate II in Automotive Vocational Preparation

Modification History

Release	Comment
Release 1	New qualification
Release 2	Unit Titles Changed: AURJTJ2001 - Remove, inspect and fit motorcycle wheel assemblies AURLTJ2003 - Remove, inspect and refit light vehicle wheel assemblies.
Release 3	20 new imported units added to elective bank: AURAF009 Carry out research into the automotive industry AURETK003 Operate electrical test equipment AURETR046 Remove and refit vehicle batteries AURETR047 Recharge vehicle batteries AURETR048 Construct and test basic electronic circuits AURTTA027 Carry out basic vehicle servicing operations AURTTB007 Remove and replace brake assemblies AURTTTC004 Remove and replace radiators AURTTD006 Remove and replace vehicle front suspension springs AURTTD007 Remove and replace steering assemblies AURTTE006 Remove and replace conventional engine assemblies AURTTE007 Dismantle and assemble single cylinder four-stroke petrol engines AURTTE008 Dismantle and assemble multi-cylinder four-stroke petrol engines AURTTE009 Remove and replace engine cylinder heads AURTTJ003 Remove and replace wheel and tyre assemblies AURTTX012 Dismantle and assemble conventional manual transmissions AURTTX013 Remove and replace clutch assemblies AURVTA005 Clean vehicles

	AURVTP029 Prepare surface and prime repaired body panels AURTTW010 Set up and use welding equipment
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Description

This qualification covers the skills and knowledge required to perform a limited range of tasks related to familiarisation and inspection of mechanical and electrical components and systems of cars, heavy vehicles, outdoor power equipment, bicycles, marine craft and motorcycles. This qualification also covers the skills and knowledge required to perform minor maintenance and repair of an automotive vehicle body. The range of technical skills and knowledge is limited.

Job roles and employment outcomes

The Certificate II in Automotive Vocational Preparation prepares prospective employees to undertake work in the broader automotive industry.

Job roles related to this qualification include:

- trades assistant
- vehicle service assistant
- automotive service assistant
- trainee serviceperson
- automotive trainee.

Application

This qualification provides individuals with an introduction to the automotive industry as well as some of the basic skills needed. It is an appropriate level for an individual undertaking work experience, or in a probationary period in employment.

The qualification is particularly applicable to school-based studies as an entry-level pathway to employment, and is suitable as an Australian traineeship or apprenticeship pathway.

Pathways Information

Pathways into the qualification

Credit may be granted towards this qualification by those who have completed AUR10112 Certificate I in Automotive Vocational Preparation or other relevant qualifications.

Pathways from the qualification

Further training pathways from this qualification include AUR12 Training Package Certificate III qualifications or other relevant qualifications.

Licensing/Regulatory Information

There are no specific licences that relate to this qualification. However, some units in this qualification may have licensing or regulatory requirements. Local regulations should be checked for details.

Entry Requirements

This qualification may be accessed by direct entry.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the Employability Skills as identified by the automotive retail, service and repair industry for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

Employability Skill	Industry/enterprise requirements for this qualification include:
Communication	• understanding and carrying out verbal instructions from supervisors and others • reading and understanding workplace documents • completing written workplace documentation, forms, logs and diaries • sharing work-related information with other team members • communicating with people from a range of social, cultural and ethnic backgrounds • seeking and acting on feedback
Teamwork	• contributing positively to the work team environment • working effectively with others in a socially diverse environment • respecting and understanding the views of others • giving and receiving feedback
Problem solving	• recognising a problem or potential problem with automotive component, system or equipment • seeking information and assistance to solve problems outside own area of responsibility • solving problems in own area of responsibility
Initiative and enterprise	• making adjustments to improve own performance • suggesting ideas for workplace improvement to supervisors and team members • positively adapting to changes in workplace procedures and arrangements • taking positive action to report hazards or risk situations to supervisors
Planning and organising	• understanding how own job role fits into the wider workplace context • planning daily work tasks to work safely and manage risks according to workplace procedures
Self-management	• following workplace safety requirements and other policy and procedures • managing own time • completing known delegated tasks on time

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	• completing non-routine tasks as requested • selecting appropriate equipment and materials • asking for advice and assistance
Learning	• identifying personal strengths and weaknesses • positively accepting opportunities to learn • acting on feedback to improve work performance • asking questions to gain information
Technology	• appropriately setting up technological equipment • using workplace diagnosis technology • recognising and reporting faulty equipment

Packaging Rules

To be awarded this qualification, competency must be demonstrated in **12 units of competency, consisting of:**

- **7 core units**
- plus
- **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 I or Certificate II qualification 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
Common – Environment	
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
Common – Foundation Skills	
AURAF2003	Communicate effectively in an automotive workplace
AURAF2004	Solve routine problems in an automotive workplace
Common – Health and Safety	
AURASA2002	Apply safe working practices in an automotive workplace
Electrical – Technical – Electrical and Electronic	
AURETR1003	Apply automotive electrical system fundamentals
Mechanical – Light Vehicle – Technical	
AURLTA1001	Apply automotive mechanical system fundamentals
Mechanical Miscellaneous – Technical – Tools and Equipment	
AURTTK2002	Use and maintain workplace tools and equipment

Elective units

Unit code	Unit title
Common – Foundation Skills	
AURAF2005	Write routine texts in an automotive workplace
Common – Management, Leadership and Supervision	
AURAMA2001	Work effectively with others
Common – Quality	
AURAQA2001	Contribute to quality work outcomes
Bicycle – Technical	
AURBTA1001	Remove and tag bicycle components
Bicycle – Technical – Wheels and Tyres	
AURBTJ2001	Remove, repair and fit bicycle tyres
Bicycle – Technical – Tools and Equipment	
AURBTK2001	Use and maintain specialised bicycle repair tools
Bicycle – Technical – Driveline and Final Drives	
AURBTQ2001	Service bicycle drivetrain systems
Bicycle – Technical – Accessories	
AURBTV2001	Fit and adjust bicycle accessories
Electrical – Technical – Tools and Equipment	
AURETK1001	Identify, select and use low voltage electrical test equipment
Electrical – Technical – Electrical and Electronic	
AURETR1001	Remove and tag automotive electrical system components
AURETR1002	Test, service and maintain battery storage systems
AURETR2006	Carry out soldering of electrical wiring and circuits
AURETR2009	Install, test and repair vehicle lighting and wiring systems
AURETR2015	Inspect and service batteries

Unit code	Unit title
Mechanical – Heavy Vehicle – Technical – Steering and Suspension	
AURHTD2001	Inspect and service heavy commercial vehicle suspension systems
Mechanical – Heavy Vehicle – Technical – Fuel Systems	
AURHTF2001	Inspect heavy commercial vehicle fuel systems and components
Mechanical – Heavy Vehicle – Technical – Wheels and Tyres	
AURHTJ1001	Inspect heavy commercial vehicle wheels and tyres
Mechanical – Heavy Vehicle – Technical – Driveline and Final Drives	
AURHTQ2001	Inspect heavy commercial vehicle driveline components
Mechanical – Motorcycle – Technical	
AURJTA1001	Perform minor adjustments to motorcycles
AURJTA1002	Remove and replace motorcycle components and accessories
Mechanical – Motorcycle – Technical – Steering and Suspension	
AURJTD2001	Inspect and service motorcycle suspension systems
AURJTD2002	Inspect and service motorcycle steering systems
Mechanical – Motorcycle – Technical – Wheels and Tyres	
AURJTJ2001	Remove, inspect and fit motorcycle wheel assemblies
Mechanical – Light Vehicle – Technical – Wheels and Tyres	
AURLTJ2003	Remove, inspect and refit light vehicle wheel assemblies
Outdoor Power Equipment – Technical	
AURPTA1001	Carry out pre-repair operations to outdoor power equipment
AURPTA1002	Perform minor adjustments to outdoor power equipment
AURPTA2003	Service and repair rotary cutting systems
AURPTA2006	Service line trimming systems and components
Outdoor Power Equipment – Technical – Engines	

Unit code	Unit title
AURPTE2002	Service engines and engine components (outdoor power equipment)
Marine – Technical – Engines	
AURRTE1001	Prepare outboard engines for wet-run testing
AURRTE2002	Service outboard engines and components
Marine – Technical – Driveline and Final Drives	
AURRTQ2001	Service inboard propeller drive systems
AURRTQ2002	Service jet drive propulsion systems
Marine – Technical – Electrical and Electronic	
AURRTR1001	Inspect, service and maintain marine battery storage systems
Mechanical Miscellaneous – Technical	
AURTTA1001	Remove and tag steering, suspension and brake system components
AURTTA1002	Carry out workshop practice activities
AURTTA1003	Use and maintain basic measuring devices
AURTTA2004	Carry out servicing operations
AURTTA2005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA2009	Carry out pre-repair operations (mechanical)
Mechanical Miscellaneous – Technical – Engines	
AURTTE1003	Remove and tag engine system components
Mechanical Miscellaneous – Technical – Driveline and Final Drives	
AURTTQ2002	Remove and refit driveline components
Vehicle Body – Technical – Tools and Equipment	
AURVTK2001	Use and maintain vehicle body repair hand tools
Vehicle Body – Technical – Body	
AURVTN2003	Carry out pre-repair vehicle body operations

Unit code	Unit title
Vehicle Body – Technical – Paint	
AURVTP2006	Prepare vehicle components for paint repairs
AURVTP2008	Clean and polish vehicle exterior paint
Vehicle Body – Technical – Trimming and Upholstery	
AURVTT2008	Clean and finish vehicle interior trim and seats
Imported Units	
AURAF009	Carry out research into the automotive industry
AURETK003	Operate electrical test equipment
AURETR046	Remove and refit vehicle batteries
AURETR047	Recharge vehicle batteries
AURETR048	Construct and test basic electronic circuits
AURTTA027	Carry out basic vehicle servicing operations
AURTTB007	Remove and replace brake assemblies
AUR TTC004	Remove and replace radiators
AURTTD006	Remove and replace vehicle front suspension springs
AURTTD007	Remove and replace steering assemblies
AURTTE006	Remove and replace conventional engine assemblies
AURTTE007	Dismantle and assemble single cylinder four-stroke petrol engines
AURTTE008	Dismantle and assemble multi-cylinder four-stroke petrol engines
AURTTE009	Remove and replace engine cylinder heads
AURTTJ003	Remove and replace wheel and tyre assemblies
AURTTX012	Dismantle and assemble conventional manual transmissions
AURTTX013	Remove and replace clutch assemblies
AURVTA005	Clean vehicles

Unit code	Unit title
AURVTP029	Prepare surface and prime repaired body panels
AURVTW010	Set up and use welding equipment

Custom Content Section

Not applicable.