



**Australian Government**

# **AUR31912 Certificate III in Elevating Work Platform Technology**

**Release: 2**

## AUR31912 Certificate III in Elevating Work Platform Technology

### Modification History

Release	Comment
Release 1	Replaces AUR30611 Certificate III in Automotive Specialist
Release 2	Updated imported elective units: RIIHAN301D replaces RIIHAN301B

## Description

This qualification covers the skills and knowledge required to perform a broad range of tasks on a variety of elevating work platforms and associated systems within the automotive service and repair sector.

### Job roles and employment outcomes

The Certificate III in Elevating Work Platform Technology is intended to prepare new employees or recognise and develop existing workers performing mechanical work in the elevating work platform service and repair sector.

Employment outcomes targeted by this qualification include:

- elevating work platform technicians

### Application

This qualification is suitable for an Australian Apprenticeship pathway.

## Pathways Information

### Pathways into the qualification

Credit may be granted towards this qualification by those who have completed AUR20512 Certificate II in Automotive Servicing Technology, AUR20712 Certificate II in Automotive Vocational Preparation or other relevant qualifications.

### Pathways from the qualification

Further training pathways from this qualification include AUR40212 Certificate IV in Automotive Mechanical Diagnosis, AUR40812 Certificate IV in Automotive Mechanical Overhauling 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, depending on the work context. Local regulations should be checked for details.

## Entry Requirements

This qualification may be accessed by direct entry.

## Employability Skills Summary

<b>EMPLOYABILITY SKILLS QUALIFICATION SUMMARY</b>	
<p>The following table contains a summary of the employability skills as identified by the automotive industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.</p>	
<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
<b>Communication</b>	<ul style="list-style-type: none"> <li>• clearly communicating workplace information and ideas with workplace colleagues (verbal and non-verbal), including use of automotive terms</li> <li>• completing workplace reports</li> <li>• using and contributing to workplace procedures</li> <li>• maintaining workplace records</li> <li>• communicating with colleagues and clients to handle verbal enquiries, such as clarifying instructions and responding to requests for information</li> <li>• interpreting the needs of customers</li> <li>• reading and interpreting workplace related documentation</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• identifying and describe own role and role of others</li> <li>• working within a team</li> <li>• working with diverse individuals and groups</li> <li>• applying knowledge of own role to complete activities efficiently to support team activities and tasks</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• recognising a workplace problem or a potential problem and take action</li> <li>• determining problems needing priority action</li> <li>• referring problems outside area of responsibility to appropriate person and suggesting possible causes</li> <li>• seeking information and assistance as required to solve problems</li> <li>• using a range of problem-solving techniques</li> <li>• taking action to resolve concerns</li> <li>• developing practical responses to common breakdowns in workplace systems and procedures</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• adapting to new and emerging situations in the workplace</li> <li>• being proactive and creative in responding to workplace problems, changes and challenges</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• planning own work requirements and prioritising actions to achieve required outcomes and ensure tasks are completed on time</li> <li>• identifying risk factors and taking action to minimise risk</li> </ul>

## EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the employability skills as identified by the automotive industry for this qualification. The employability skills facets described here are broad industry requirements that may vary depending on qualification packaging options.

<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• selecting and using appropriate equipment, materials, processes and procedures</li> <li>• recognising limitations and seeking timely advice</li> <li>• planning own work requirements, setting own work program and managing time to ensure tasks are completed on time</li> <li>• following workplace documentation, such as codes of practice or operating procedures</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• asking questions to gain information</li> <li>• identifying sources of information, assistance and expert knowledge to expand knowledge, skills and understanding</li> <li>• participating in self-improvement activities</li> <li>• participating in development of workplace continuous improvement strategies</li> <li>• helping others develop competency</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• operating diagnostic and test equipment</li> <li>• performance testing of components, systems and equipment</li> <li>• using tools and equipment efficiently and safely</li> <li>• storing and caring for components, parts, tools, test equipment and support equipment</li> <li>• using business technology to collect, analyse and provide information</li> </ul>

## Packaging Rules

To be awarded this qualification, competency must be demonstrated in **32 units** of competency, consisting of:

- **20 core units**

plus

- **12 elective units**, of which:
  - up to **12** elective units may be chosen from the 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
<b>Common - Environment</b>	
AURAEA3003	Monitor environmental and sustainability best practice in the automotive mechanical industry
<b>Common - Health and Safety</b>	
AURASA2002	Apply safe working practices in an automotive workplace
<b>Electrical - Technical - Electrical and Electronic</b>	
AURETR2012	Test and repair basic electrical circuits
AURETR3025	Test, charge and replace batteries
<b>Mechanical - Heavy Vehicle - Technical - Engines</b>	
AURHTE3002	Repair engines and associated engine components (heavy vehicle)
<b>Mechanical - Heavy Vehicle - Technical - Driveline and Final Drives</b>	
AURHTQ3002	Repair final drive assemblies (heavy vehicle)
AURHTQ3003	Repair final drive - driveline (heavy vehicle)
<b>Mechanical - Light Vehicle - Technical - Brakes</b>	
AURLTB3003	Diagnose and repair light vehicle hydraulic braking systems
<b>Mechanical Miscellaneous - Technical</b>	

<b>Unit code</b>	<b>Unit title</b>
AURTTA2004	Carry out servicing operations
AURTTA2005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA2006	Service hydraulic systems
AURTTA3013	Repair hydraulic systems
AURTTA3018	Carry out diagnostic procedures
<b>Mechanical Miscellaneous - Technical - Brakes</b>	
AURTTB2001	Inspect and service braking systems
<b>Mechanical Miscellaneous - Technical - Engines</b>	
AURTTE2004	Inspect and service engines
<b>Mechanical Miscellaneous - Technical - Fuel Systems</b>	
AURTTF3004	Repair diesel fuel injection systems
<b>Mechanical Miscellaneous - Technical - Tools and Equipment</b>	
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
AURTTK2002	Use and maintain workplace tools and equipment
<b>Vehicle Body - Technical - Welding, Grinding, Machining and Soldering</b>	
AURVTW2001	Carry out manual metal arc welding procedures
AURVTW2003	Carry out gas metal arc welding procedures

**Elective units**

<b>Unit code</b>	<b>Unit title</b>
<b>Common – Sales and Marketing</b>	
AURACA2001	Establish relations with customers
<b>Common - Foundation Skills</b>	
AURAF2003	Communicate effectively in an automotive workplace

Unit code	Unit title
<b>Electrical - Technical - Hybrid Vehicle and Battery Electric Vehicle</b>	
AURETH3001	Depower battery electric vehicles
<b>Electrical - Technical - Electrical and Electronic</b>	
AURETR2005	Install, test and repair electrical security systems and components
AURETR2010	Fabricate, test and repair wiring harnesses and looms
AURETR2011	Install and test basic ancillary electrical components
AURETR3021	Inspect, service and repair electronic management, monitoring and tracking systems
AURETR3024	Diagnose and repair electronic compression ignition engine management systems
AURETR3028	Diagnose and repair instruments and warning systems
AURETR3029	Diagnose and repair charging systems
AURETR3030	Diagnose and repair starting systems
AURETR3031	Diagnose and repair ignition systems
AURETR3032	Repair electrical systems
AURETR3044	Service and repair electronic drive management systems
<b>Mechanical - Heavy Vehicle - Technical - Engines</b>	
AURHTE2001	Remove and install heavy vehicle engine assemblies
<b>Mechanical - Light Vehicle - Technical - Steering and Suspension</b>	
AURLTD3006	Carry out wheel alignment operations (light vehicle)
<b>Mechanical - Light Vehicle - Technical - Engines</b>	
AURLTE2001	Remove and install light vehicle engine assemblies
<b>Mechanical - Light Vehicle - Technical - Wheels and Tyres</b>	
AURLTJ2001	Select tyres and rims for specific applications (light)
AURLTJ2002	Remove, inspect, repair and fit tyres and tubes (light)



<b>Unit code</b>	<b>Unit title</b>
AURLTJ2003	Remove, inspect, and refit light vehicle wheel assemblies
<b>Mechanical - Light Vehicle – Technical - Transmission</b>	
AURLTX3001	Repair transmissions – manual (light vehicle)
AURLTX3002	Repair transmissions – automatic (light vehicle)
AURLTX3003	Diagnose and repair light vehicle clutch systems
<b>Mechanical - Light Vehicle - Technical - Emission and Exhaust</b>	
AURLTZ3001	Diagnose and repair light vehicle emission control systems
<b>Mechanical Miscellaneous - Technical</b>	
AURTTA2009	Carry out pre-repair operations (mechanical)
AURTTA3017	Carry out vehicle safety and roadworthy inspections
AURTTA3019	Carry out advanced diagnostic procedures
<b>Mechanical Miscellaneous – Technical - Brakes</b>	
AURTTB2003	Machine brake drums and brake disc rotors
AURTTB3005	Assemble and fit braking systems and components
AURTTB3006	Inspect, service and repair auxiliary braking systems
<b>Mechanical Miscellaneous - Technical - Cooling System</b>	
AURTTC3003	Diagnose and repair cooling systems
<b>Mechanical Miscellaneous - Technical - Steering and Suspension</b>	
AURTTD2002	Inspect and service steering systems
AURTTD2004	Inspect and service suspension systems
<b>Mechanical Miscellaneous – Technical – Fuel System</b>	
AURTTF2002	Service diesel fuel injection systems
AURTTF3005	Inspect and repair engine forced induction systems
AURTTF3006	Diagnose and repair petrol carburettor systems

Unit code	Unit title
<b>Mechanical Miscellaneous - Technical - Wheels and Tyres</b>	
AURTTJ2001	Balance wheels and tyres
<b>Mechanical Miscellaneous – Technical – Alternative Fuels</b>	
AURTTL3007	Service LPG fuel systems
<b>Mechanical Miscellaneous - Technical - Driveline and Final Drives</b>	
AURTTQ2001	Service final drive assemblies
AURTTQ2003	Service final drive (driveline)
<b>Mechanical Miscellaneous - Technical - Welding, Grinding, Machining and Soldering</b>	
AURTTW2001	Carry out soft soldering techniques
<b>Mechanical Miscellaneous - Technical - Transmission</b>	
AURTTX2002	Inspect and service transmissions (manual)
AURTTX2003	Inspect and service transmissions (automatic)
AURTTX2004	Service transmissions (hydrostatic)
AURTTX3006	Repair transmissions (hydrostatic)
<b>Mechanical Miscellaneous - Technical - Emission and Exhaust</b>	
AURTTZ2002	Repair exhaust system components
<b>Vehicle Body - Technical</b>	
AURVTA3004	Inspect vehicle systems and determine preferred repair action
<b>Vehicle Body - Technical - Welding, Grinding, Machining and Soldering</b>	
AURVTW2002	Carry out brazing procedures
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
<b>Imported Units</b>	
RIIHAN301D	Operate elevating work platform

## **Custom Content Section**

Not applicable.