



**Australian Government**

# **AUR21812 Certificate II in Automotive Steering and Suspension System Technology**

**Release 2**

## AUR21812 Certificate II in Automotive Steering and Suspension System Technology

### Modification History

Release	Comment
Release 1	Replaces AUR20705 Certificate II in Automotive Mechanical
Release 2	4 units added to the elective bank: AURHTD3004 Carry out wheel alignment operations (heavy vehicle) AURLTD3006 Carry out wheel alignment operations (light vehicle) AURTTD2001 Inspect steering systems AURTTD2003 Inspect suspension systems

## Description

This qualification covers the skills and knowledge required to perform a range of tasks related to servicing steering and suspension components and systems of cars and heavy vehicles within an automotive service and repair business.

### Job roles and employment outcomes

The Certificate II in Automotive Steering and Suspension System Technology is intended to prepare new employees or recognise and develop existing workers who are performing servicing of steering and suspension components/systems of vehicles in an automotive service or repair business.

Job roles related to this qualification include:

- automotive steering and suspension specialists.

### Application

This qualification is typically used to develop employees or recognise and develop existing workers who are performing vehicle service functions in an automotive environment.

They would be expected to perform a range of mechanical operations involving known routines, methods and procedures and take some accountability for the quality of outcomes.

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 AUR10112 Certificate I in Automotive Vocational Preparation or other relevant qualifications.

### Pathways from the qualification

Further training pathways from this qualification include AUR30612 Certificate III in Light Vehicle Mechanical Technology, AUR32512 Certificate III in Automotive Underbody Technology 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 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:
<b>Communication</b>	<ul style="list-style-type: none"> <li>• Understanding and carrying out verbal instructions from supervisors and others</li> <li>• Reading, understanding and completing workplace documentation, forms and records</li> <li>• Sharing work-related information with other team members using industry terminology</li> <li>• Communicating with people from a range of social, cultural and ethnic backgrounds</li> </ul>
<b>Teamwork</b>	<ul style="list-style-type: none"> <li>• Contributing positively to the work team environment</li> <li>• Working effectively with others in a socially diverse environment</li> <li>• Respecting and understanding the views of others</li> <li>• Giving, receiving and acting upon feedback</li> <li>• Identifying and describing own role and role of others</li> </ul>
<b>Problem solving</b>	<ul style="list-style-type: none"> <li>• Recognising a problem or a potential problem within a vehicle component/system servicing environment</li> <li>• Seeking information and assistance to solve problems outside own area of responsibility</li> <li>• Solving problems within own area of responsibility</li> </ul>
<b>Initiative and enterprise</b>	<ul style="list-style-type: none"> <li>• Suggesting ideas for workplace improvement to supervisors and team members</li> <li>• Positively adapting to changes in workplace procedures and making adjustments to improve own performance</li> <li>• Taking positive action to report hazards or risk situations to supervisors</li> </ul>
<b>Planning and organising</b>	<ul style="list-style-type: none"> <li>• Planning daily work tasks to work safely and manage risks according to workplace procedures</li> <li>• Prioritising activities to achieve required outcomes</li> <li>• Planning and organising appropriate equipment and materials</li> <li>• Planning ahead to anticipate problems with availability of equipment, materials and personnel to assist</li> </ul>
<b>Self-management</b>	<ul style="list-style-type: none"> <li>• Following workplace safety requirements and other policies and procedures</li> <li>• Completing known delegated tasks on time</li> <li>• Selecting and using appropriate equipment, materials, processes</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>
	and procedures <ul style="list-style-type: none"> <li>• Asking for advice and assistance when appropriate</li> </ul>
<b>Learning</b>	<ul style="list-style-type: none"> <li>• Identifying personal strengths and weaknesses</li> <li>• Acting upon feedback and accepting opportunities to learn to improve work performance</li> <li>• Asking questions to gain information and identify sources of information to expand knowledge and understanding</li> </ul>
<b>Technology</b>	<ul style="list-style-type: none"> <li>• Appropriately selecting and using tools and equipment</li> <li>• Recognising and reporting faulty equipment</li> <li>• Using information and communication technology</li> </ul>

## Packaging Rules

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

- **8 core units** listed below

plus

- **4 elective units**, of which:
  - up to **4** elective units may be taken from the elective units listed below
  - up to **2** elective units may be drawn from a Certificate I 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>	
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
<b>Common - Health and Safety</b>	
AURASA2002	Apply safe working practices in an automotive workplace
<b>Common - Technical</b>	
AURATA2001	Identify basic automotive faults using troubleshooting processes
<b>Mechanical Miscellaneous - Technical</b>	
AURTTA2004	Carry out servicing operations
<b>Mechanical Miscellaneous - Technical - Steering and Suspension</b>	
AURTTD2002	Inspect and service steering systems
AURTTD2004	Inspect and service suspension 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

## Elective units

Unit Code	Unit Title
<b>Common - Sales</b>	
AURACA2001	Establish relations with customers
<b>Common - Foundation Skills</b>	
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
AURAF2003	Communicate effectively in an automotive workplace
<b>Mechanical Heavy Vehicle – Technical – Steering and Suspension</b>	
AURHTD3004	Carry out wheel alignment operations (heavy vehicle)
<b>Mechanical Light Vehicle – Technical – Steering and Suspension</b>	
AURLTD3006	Carry out wheel alignment operations (light vehicle)
<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)
AURLTJ2003	Remove, inspect, and refit light vehicle wheel assemblies
<b>Mechanical Miscellaneous - Technical - Steering and Suspension</b>	
AURTTD2001	Inspect steering systems
AURTTD2003	Inspect suspension systems
<b>Mechanical Miscellaneous - Technical - Wheels and Tyres</b>	
AURTTJ2001	Balance wheels and tyres

## Custom Content Section

Not applicable.