



**Australian Government**

# **AUR21912 Certificate II in Automotive Tyre Servicing Technology**

**Release: 1**

# AUR21912 Certificate II in Automotive Tyre Servicing Technology

## Modification History

Release	Comment
Release 1	Replaces AUR20705 Certificate II in Automotive Mechanical

## Description

This qualification covers the skills and knowledge required to perform a range of tasks related to servicing tyres of light vehicles, heavy vehicles and/or motorcycles within an automotive service and repair business.

### Job roles and employment outcomes

The Certificate II in Automotive Tyre Servicing Operations is intended to prepare new employees or recognise and develop existing workers who are performing servicing tyres of vehicles in an automotive service or repair business.

- light vehicles
- heavy vehicles
- agricultural equipment

Job roles related to this qualification include:

- automotive tyre fitters.

### Application

This qualification is suitable for an Australian Apprenticeship pathway.

## Pathways Information

### Pathways into the qualification

Credit will be granted towards this qualification to 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>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 **14 units** of competency, consisting of:

- **4 core units**

plus

- **3 specialist elective units** in **one** of the selected specialist groups relating to occupational streams

plus

- **7 general elective units**, of which
  - up to **7** elective may be chosen from the elective units listed below
  - up to **3** elective units may be chosen 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 - Tools and Equipment</b>	
AURTTK2002	Use and maintain workplace tools and equipment

### Specialist elective units

#### Group A: Light vehicle tyres

Unit code	Unit title
<b>Mechanical - Light Vehicle – Technical – Wheels and Tyres</b>	

Unit code	Unit title
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

### Group B: Heavy Vehicle tyres

Unit code	Unit title
<b>Mechanical - Heavy Vehicle – Technical – Wheels and Tyres</b>	
AURHTJ2002	Select heavy vehicle tyres and rims for specific applications
AURHTJ2003	Remove, inspect and refit heavy vehicle wheel assemblies
AURHTJ2006	Remove, inspect, repair and fit tyres and tubes (heavy)

### Group C: Agricultural tyres

Unit code	Unit title
<b>Mechanical - Heavy Vehicle – Technical – Wheels and Tyres</b>	
AURHTJ2002	Select heavy vehicle tyres and rims for specific applications
AURHTJ2003	Remove, inspect and refit heavy vehicle wheel assemblies
AURHTJ2004	Demount, inspect, repair and mount agricultural equipment tyres and tubes

### General elective units

Unit code	Unit title
<b>Common – Sales and Marketing</b>	
AURACA2001	Establish relations with customers
<b>Common – Foundation Skills</b>	
AURAF2001	Use numbers in an automotive workplace

AURFA2002	Read in an automotive workplace
AURFA2003	Communicate effectively in an automotive workplace
<b>Electrical – Technical – Electrical and Electronic</b>	
AURETR2015	Inspect and service batteries
<b>Mechanical Miscellaneous – Technical</b>	
AURTTA2004	Carry out servicing operations
<b>Mechanical Miscellaneous – Technical – Brakes</b>	
AURTTB2001	Inspect and service braking systems
<b>Mechanical Miscellaneous – Technical – Cooling Systems</b>	
AURTTTC2001	Inspect and service 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 – Engines</b>	
AURTTE2004	Inspect and service engines
<b>Mechanical Miscellaneous – Technical – Fuel Systems</b>	
AURTTTF2001	Service petrol fuel systems
<b>Mechanical Miscellaneous – Technical – Wheels and Tyres</b>	
AURTTJ2001	Balance wheels and tyres
AURTTJ2002	Remove and refit wheel hubs and associated brake components

## Custom Content Section

Not applicable.