



Australian Government

AUR20312 Certificate II in Bicycle Mechanical Technology

Release: 1

AUR20312 Certificate II in Bicycle Mechanical Technology

Modification History

Release	Comment
Release 1	Replaces AUR20311 Certificate II in Bicycles

Description

This qualification covers the skills and knowledge required to perform a range of routine assembly and servicing tasks within the bicycle industry. It is suitable for entry into the bicycle retail, service and repair sector.

Job roles and employment outcomes

The Certificate II in Bicycle Mechanical Technology is intended to prepare new employees or develop existing workers who are performing bicycle service tasks in the bicycle industry. Job roles related to this qualification include:

- bicycle assembler
- bicycle service technician
- assistant mechanic
- bicycle sales assistant.

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 relevant units of competency from AUR10112 Certificate I in Automotive Vocational Preparation in this Training Package or other relevant qualifications.

Pathways from the qualification

Further training pathways from this qualification include AUR30212 Certificate III in Bicycle Mechanical Operations, AUR31012 Certificate III in Automotive Sales, 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

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
<p>The following table contains a summary of the Employability Skills as identified by the Bicycle Retail, Service and Repair sector for this qualification. The Employability Skills facets described here are broad industry requirements that may vary depending on qualification packaging options.</p>	
Employability Skill	Industry/enterprise requirements for this qualification
Communication	<ul style="list-style-type: none"> • understanding and carrying out verbal instructions from supervisors and others • reading, understanding and completing workplace documentation, forms and records • sharing work-related information with other team members using industry terminology • communicating with people from a range of social, cultural and ethnic backgrounds
Teamwork	<ul style="list-style-type: none"> • contributing positively to the work team environment • working effectively with others in a socially diverse environment • respecting and understanding the views of others • giving, receiving and acting upon feedback • identifying and describing own role and role of others
Problem solving	<ul style="list-style-type: none"> • recognising a problem or a potential problem within a bicycle component or system or with equipment • seeking information and assistance to solve problems outside own area of responsibility • solving problems within own area of responsibility
Initiative and enterprise	<ul style="list-style-type: none"> • suggesting ideas for workplace improvement to supervisors and team members • positively adapting to changes in workplace procedures and making adjustments to improve own performance • taking positive action to report hazards or risk situations to supervisors
Planning and organising	<ul style="list-style-type: none"> • planning daily work tasks to work safely and manage risks according to workplace procedures • prioritising activities to achieve required outcomes • planning and organising appropriate equipment and materials • planning ahead to anticipate problems with availability of equipment, materials and personnel to assist
Self-management	<ul style="list-style-type: none"> • following workplace safety requirements and other policies and procedures • completing known delegated tasks on time

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
	<ul style="list-style-type: none">• selecting and using appropriate equipment, materials, processes and procedures• asking for advice and assistance when appropriate
Learning	<ul style="list-style-type: none">• identifying personal strengths and weaknesses• acting upon feedback and accept opportunities to learn to improve work performance• asking questions to gain information and identify sources of information to expand knowledge and understanding
Technology	<ul style="list-style-type: none">• appropriately setting up technological equipment• recognising and reporting faulty equipment• using appropriate tools and equipment• applying knowledge of operating principles of bicycle components and systems

Packaging Rules

To be awarded this qualification, competency must be demonstrated in **16 units** of competency, consisting of:

- **8 core units**

plus

- **8 elective units**, of which:

- up to **8** elective units may be chosen from the elective units listed below
- up to **3** elective units may be chosen from a Certificate II qualification or above in this Training Package, 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	
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
Common - Health and Safety	
AURASA2002	Apply safe working practices in an automotive workplace
Bicycle - Technical	
AURBTA2004	Assemble box bicycles for retail sale
Bicycle - Technical - Wheels and Tyres	
AURBTJ2001	Remove, repair and fit bicycle tyres
Bicycle - Technical - Accessories	
AURBTV2001	Fit and adjust bicycle accessories
Mechanical Miscellaneous - Technical - Tools and Equipment	
AURTTK2002	Use and maintain workplace tools and equipment

Elective units

Unit code	Unit title
Common - Sales and Marketing	
AURACA2001	Establish relations with customers
Common - Foundation Skills	
AURAF2003	Communicate effectively in an automotive workplace
AURAF2004	Solve routine problems in an automotive workplace
AURAF2005	Write routine texts in an automotive workplace
Common - Management, Leadership and Supervision	
AURAMA2001	Work effectively with others
AURAMA2002	Communicate business information
Common - Quality	
AURAQA2001	Contribute to quality work outcomes
Common - Technical	
AURATA2001	Identify basic automotive faults using troubleshooting processes
Bicycle - Sales and Marketing	
AURBCA2001	Work in a retail bicycle environment
AURBCA2002	Select and adjust bicycle to fit rider
Bicycle - Technical	
AURBTA2003	Assemble bicycles
Bicycle – Technical - Brakes	
AURBTB2001	Service and repair bicycle mechanical braking systems
AURBTB2002	Service bicycle hydraulic braking systems
Bicycle - Technical - Steering and Suspension	

Unit code	Unit title
AURBTD2001	Service bicycle steering systems
AURBTD2002	Service bicycle suspension systems
Bicycle - Technical - Wheels and Tyres	
AURBTJ2002	Service bicycle wheels and hubs
Bicycle - Technical - Tools and Equipment	
AURBTK2001	Use and maintain specialised bicycle repair tools
Bicycle - Technical - Driveline and Final Drives	
AURBTQ2001	Service bicycle drivetrain systems
Sales and Parts, Administration And Management - Administration	
AURSAA2001	Process customer complaints
Sales and Parts, Administration And Management - Sales and Marketing	
AURSCA2002	Present stock and sales area
AURSCA2003	Apply sales procedures
AURSCA2005	Sell products
AURSCA2006	Promote products and services
Mechanical Miscellaneous - Technical	
AURTTA2004	Carry out servicing operations
Mechanical Miscellaneous - Technical - Tools and Equipment	
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
Imported Units	
BSBCUS301B	Deliver and monitor a service to customers
BSBFLM312C	Contribute to team effectiveness
BSBPRO401A	Develop product knowledge
BSBWOR202A	Organise and complete daily work activities

Unit code	Unit title
BSBWOR301B	Organise personal work priorities and development
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
SIRXCCS202	Interact with customers
SIRXINV001A	Perform stock control procedures
SIRXINV002A	Maintain and order stock
TLIA3039A	Receive and store stock

Custom Content Section

Not applicable.