



Australian Government

AUR30212 Certificate III in Bicycle Workshop Operations

Release: 1

AUR30212 Certificate III in Bicycle Workshop Operations

Modification History

Release	Comment
Release 1	Replaces AUR30211 Certificate III in Bicycles

Description

This qualification covers the skills and knowledge required to perform a broad range of mechanical tasks on a variety of bicycles in the bicycle retail, service and repair sector.

Job roles and employment outcomes

The Certificate III in Bicycle Workshop Operations is intended to prepare new employees or recognise and develop existing workers performing mechanical work in the bicycle retail, service and repair industry. The work may also include tasks related to the operation of the business, retail sales and/or the supervision of others.

Employment outcomes targeted by this qualification include:

- bicycle repair technicians
- bicycle mechanics

Application

This qualification is suitable for an Australian Apprenticeship pathway.

Pathways Information

Not applicable.

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

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

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

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

Packaging Rules

To be awarded this qualification, competency must be demonstrated in **28 units** of competency, consisting of:

- **16 core units**
- plus
- **12 elective units**, of which:
 - up to **12** elective units may be chosen from the elective units listed below
 - up to **5** 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
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Common - Environment	
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace
Common - Health and Safety	
AURASA2002	Apply safe working practices in an automotive workplace
Bicycle - Sales and Marketing	
AURBCA2001	Work in a retail bicycle environment
Bicycle - Technical	
AURBTA2004	Assemble box bicycles for retail sale
Bicycle - Technical - Brakes	
AURBTB2001	Service and repair bicycle mechanical braking systems
AURBTB2002	Service bicycle hydraulic braking systems
AURBTB3003	Repair bicycle hydraulic braking systems
Bicycle - Technical - Steering and Suspension	
AURBTD2001	Service bicycle steering systems
AURBTD2002	Service bicycle suspension systems
AURBTD3003	Repair and overhaul bicycle steering systems
Bicycle - Technical - Wheels and Tyres	
AURBTJ2002	Service bicycle wheels and hubs
AURBTJ3003	Design and build bicycle wheels
AURBTJ3004	Repair and overhaul bicycle wheels and hubs
Bicycle - Technical - Driveline and Final Drives	
AURBTQ2001	Service bicycle drivetrain systems
AURBTQ3002	Repair bicycle drivetrain systems
Bicycle - Technical - Accessories	

AURBTV2001	Fit and adjust bicycle accessories
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Elective units

Unit code	Unit title
Common - Sales and Marketing	
AURACA2001	Establish relations with customers
Common - Foundation Skills	
AURAF2001	Use numbers in an automotive workplace
AURAF2002	Read in an automotive workplace
AURAF2003	Communicate effectively in an automotive workplace
AURAF2004	Solve routine problems in an automotive workplace
AURAF2005	Write routine texts in an automotive workplace
Common - Information Technology	
AURAK3002	Adapt work processes to new technologies
Common - Management, Leadership and Supervision	
AURAMA2001	Work effectively with others
AURAMA2002	Communicate business information
Common - Quality	
AURAQA2001	Contribute to quality work outcomes
AURAQA3002	Inspect technical quality of work
AURAQA3003	Maintain quality systems
Bicycle - Sales and Marketing	
AURBCA2002	Select and adjust bicycle to fit rider
Bicycle - Health and Safety	
AURBSA3001	Conduct cycling proficiency training

Bicycle - Technical	
AURBTA2003	Assemble bicycles
AURBTA3005	Restore bicycles
AURBTA3006	Identify and select components for custom bicycles
AURBTA3007	Provide mechanical support to cycling events
Bicycle - Technical - Steering and Suspension	
AURBTD3004	Repair and overhaul bicycle suspension systems
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 - Electrical and Electronic	
AURBTR3001	Service electric power assist bicycles
Bicycle - Technical - Chassis and Frame	
AURBTY3001	Service and repair bicycle frames
AURBTY4002	Design and build bicycle frames
AURBTY4003	Assess carbon fibre frames for repair
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	

AURTTA3018	Carry out diagnostic procedures
Mechanical Miscellaneous - Technical - Tools and Equipment	
AURTTK2001	Use and maintain measuring equipment in an automotive workplace
AURTTK2002	Use and maintain workplace tools and equipment
Mechanical Miscellaneous - Technical - Welding, Grinding, Machining and Soldering	
AURTTW2001	Carry out soft soldering techniques
Vehicle Body - Technical - Welding, Grinding, Machining and Soldering	
AURVTW2001	Carry out manual metal arc welding procedures
AURVTW2002	Carry out brazing procedures
AURVTW2003	Carry out gas metal arc welding procedures
AURVTW2004	Carry out gas tungsten arc welding procedures
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
Imported Units	
BSBWOR202A	Organise and complete daily work activities
BSBWOR301B	Organise personal work priorities and development
MEM18002B	Use power tools/hand held operations
SIRXINV001A	Perform stock control procedures
SIRXINV002A	Maintain and order stock
TAEDEL301A	Provide work skill instruction
TLIA3039A	Receive and store stock

Custom Content Section

Not applicable.