



Australian Government

AUR30220 Certificate III in Bicycle Workshop Operations

Release 2

AUR30220 Certificate III in Bicycle Workshop Operations

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0
Release 2	<p>This version released with AUR Automotive Retail, Service and Repair Training Package Version 6.1.</p> <p>The following elective units of competency have been deleted as directed by the AISC:</p> <ul style="list-style-type: none"> • AURBTY002 Design and build bicycle frames • AURBTY003 Repair carbon fibre bicycle frames. <p>The above training products were identified as having zero enrolments over a three year period.</p>

Qualification Description

This qualification reflects the role of individuals who perform a broad range of mechanical tasks on a variety of bicycles in the bicycle retail, service and repair sector.

No licensing, legislative or certification requirements apply to this qualification at the time of publication.

Entry Requirements

Nil.

Packaging Rules

Total number of units = 28

16 core units, plus

12 elective units, of which:

- all **12** units may be from the elective units listed below
- up to **5** units may be from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course.

Elective units chosen must be relevant to the work environment and the qualification, maintain the overall integrity of the AQF alignment, not duplicate the outcome of another unit chosen for the qualification, and contribute to a valid vocational outcome.

Core Units

AURAEA002 Follow environmental and sustainability best practice in an automotive workplace
AURASA102 Follow safe working practices in an automotive workplace
AURBCA101 Work in a retail bicycle environment
AURBTA104 Assemble new boxed bicycles for retail sale
AURBTB002 Service bicycle hydraulic braking systems
AURBTB003 Repair and overhaul bicycle hydraulic braking systems
AURBTB101 Service and repair bicycle mechanical braking systems
AURBTD101 Service bicycle steering systems
AURBTD102 Service bicycle suspension systems
AURBTD103 Repair and overhaul bicycle steering systems
AURBTJ102 Service bicycle wheels and hubs
AURBTJ103 Design and build bicycle wheels
AURBTJ104 Repair and overhaul bicycle wheels and hubs
AURBTQ001 Service bicycle drivetrain systems
AURBTQ002 Repair and overhaul bicycle drivetrain systems
AURBTV101 Remove, refit and adjust bicycle accessories

Elective Units

AURACA101 Respond to customer needs and enquiries in an automotive workplace
AURAF A001 Use numbers in an automotive workplace
AURAF A002 Read and respond to automotive workplace information
AURAF A103 Communicate effectively in an automotive workplace
AURAF A104 Resolve routine problems in an automotive workplace
AURAF A105 Write routine texts in an automotive workplace
AURAKA002 Adapt work processes to new technologies in an automotive workplace
AURAMA001 Work effectively with others in an automotive workplace
AURAMA102 Communicate business information in an automotive workplace
AURAQA001 Contribute to quality work outcomes in an automotive workplace
AURAQA002 Inspect technical quality of work in an automotive workplace
AURAQA003 Maintain quality processes in an automotive workplace
AURBCA102 Select and adjust bicycles to fit riders
AURBTA005 Restore bicycles
AURBTA007 Provide mechanical support during cycling events
AURBTA103 Assemble bicycles
AURBTA106 Assemble components for custom bicycles
AURBTA108 Disassemble and pack a bicycle for transport

AURBTD104 Repair and overhaul bicycle suspension systems
 AURBTJ101 Remove, repair and refit bicycle tyres
 AURBTK101 Maintain specialised bicycle repair tools and equipment
 AURBTR002 Install and adjust bicycle electronic gear shifters
 AURBTR101 Inspect and service electric power-assisted bicycles
 AURBTR103 Retrofit electric drivetrain systems to bicycles
 AURBTR104 Diagnose and repair electric bicycles
 AURBTY001 Repair bicycle frames
 AURSAA001 Process customer complaints in an automotive workplace
 AURSCA102 Present automotive products and services for sale
 AURSCA103 Apply sales procedures in an automotive workplace
 AURSCA105 Sell automotive products and services
 AURSCA106 Promote automotive products and services
 AURTTA118 Develop and carry out diagnostic test strategies
 AURTTK001 Use and maintain measuring equipment in an automotive workplace
 AURTTK102 Use and maintain tools and equipment in an automotive workplace
 AURTTW001 Carry out soft soldering techniques
 AURVTW002 Carry out oxyacetylene brazing of components
 AURVTW018 Carry out oxyacetylene welding, thermal heating and cutting
 AURVTW101 Carry out manual metal arc welding on components
 AURVTW103 Carry out advanced gas metal arc welding on vehicle body sections
 AURVTW104 Carry out tungsten inert gas welding
 AURVTW109 Carry out basic gas metal arc welding
 BSBPEF202 Plan and apply time management
 BSBPEF301 Organise personal work priorities
 MEM11011 Undertake manual handling*
 MEM13015 Work safely and effectively in manufacturing and engineering
 MEM16006 Organise and communicate information*
 MEM18002 Use power tools/hand held operations*
 SIRRINV001 Receive and handle retail stock
 SIRRINV002 Control stock
 TAEDL301 Provide work skill instruction
 TLIA3039 Receive and store stock

*Note the following prerequisite unit requirements.

UNIT IN THIS QUALIFICATION	PREREQUISITE UNIT(S)
MEM11011 Undertake manual handling	MEM13015 Work safely and effectively in manufacturing and engineering

UNIT IN THIS QUALIFICATION	PREREQUISITE UNIT(S)
	MEM16006 Organise and communicate information
MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEM18002 Use power tools/hand held operations	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information

Qualification Mapping Information

Supersedes and is equivalent to AUR30216 Certificate III in Bicycle Workshop Operations.

Links

Companion Volume Implementation Guide is found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>