



Australian Government

AUR30220 Certificate III in Bicycle Workshop Operations

AUR30220 Certificate III in Bicycle Workshop Operations

Modification History

Release	Comments
3	Superseded elective units updated
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>
1	This qualification was first released in AUR Automotive Retail, Service and Repair Training Package Release 6.0.

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.

Licensing/Regulatory Information

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
- AURAF001 Use numbers in an automotive workplace
- AURAF002 Read and respond to automotive workplace information
- AURAF003 Communicate effectively in an automotive workplace
- AURAF004 Resolve routine problems in an automotive workplace
- AURAF005 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
- TAEDDEL311 Provide work skill instruction
- TLIX0013X Maintain stock control and receipts

Pre-requisite Requirements

Unit of competency	Prerequisite requirement
MEM11011 Undertake manual handling	MEM13015 Work safely and effectively in manufacturing and engineering 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

Current Code and Title	Previous Code and Title	Comments	Equivalence

AUR30220 Certificate III in Bicycle Workshop Operations	AUR30216 Certificate III in Bicycle Workshop Operations		Equivalent
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Links

Companion volumes, including implementation guides, are found on the national training register - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>.