

Qualification code	AUM302XX
Qualification title	Certificate III in Automotive Manufacturing Technical Operations - Bus, Truck and Trailer
Qualification description	<p>This qualification reflects the role of individuals in the production of bus, truck and trailer and components manufacture. The qualification is suitable for entry into the automotive manufacturing industry.</p> <p>No licensing, legislative or certification requirements apply to this qualification at the time of publication.</p>
Entry requirements	Nil
Packaging Rules	<p>To achieve this qualification, competency must be demonstrated in:</p> <ul style="list-style-type: none"> • 28 units of competency: <ul style="list-style-type: none"> • 11 core units, plus • 17 elective units. <p>Elective units must ensure the integrity of the qualification's Australian Qualification Framework (AQF) alignment and contribute to a valid, industry-supported vocational outcome, without duplicating the outcome of another unit chosen for this qualification.</p> <p>The electives are to be chosen as follows:</p> <ul style="list-style-type: none"> • up to 17 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 or another endorsed Training Package or accredited course. <p>CORE UNIT CODES AND TITLES</p> <ul style="list-style-type: none"> • AUMATK002- Prepare and operate tools, equipment and machinery • AUMATK013- Monitor and maintain automotive equipment • AUMGLM011- Apply heavy vehicle standards • AUMGQA001- Apply workplace technical quality standards • AUMGTA011- Read and interpret work orders and working drawings • AUMGTM005- Read and interpret engineering drawings and determine requirements

	<ul style="list-style-type: none"> • AUMGTW001- Perform basic welding, thermal cutting, heating and gouging • AUMGTW002- Perform mechanical cutting • AURAF103- Communicate effectively in an automotive workplace • AURAMA001- Work effectively with others in an automotive workplace • AURASA102- Follow safe working practices in an automotive workplace <p>ELECTIVE UNIT CODES AND TITLES</p> <ul style="list-style-type: none"> • AUMABA012- Operate load shifting equipment • AUMATA008- Produce drawings manually • AUMGMA001- Participate in workplace productivity improvement processes • AUMGTA002- Service vehicle after assembly • AUMGTB011- Assemble, install and test braking system kits • AUMGTD001- Perform wheel alignment operations • AUMGTG001- Install fixed and moveable glass components on vehicles • AUMGTM001- Assemble vehicle components • AUMGTM002- Assemble vehicle frames and axles • AUMGTM004- Install and fit out components • AUMGTM006- Assemble, install and test hydraulic system kits • AUMGTM007- Assemble, install and test pneumatic system kits • AUMGTM008- Bond and repair fibreglass components • AUMGTM013- Install or replace mechanical units and assemblies • AUMGTN001- Replace and repair vehicle body panels and fittings • AUMGTP001- Finish and paint vehicle body and part surfaces • AUMGTP002- Rework vehicle paint faults • AUMGTR001- Install and replace vehicle electrical units and assemblies • AUMGTR002- Manufacture and modify vehicle wiring harnesses • AUMGTR003- Test, modify and repair vehicle electrical circuits and systems • AUMGTS001- Prepare materials for fabrication using jigs and fixtures
--	---

	<ul style="list-style-type: none"> • AUMGTS002- Prepare materials for fabrication using manual processes • AUMGTS003- Fabricate plugs • AUMGTS004- Fabricate parts for vehicle sub-assemblies • AUMGTT001- Apply trim to vehicle components • AUMGTW003- Perform manual metal arc welding • AUMGTW004- Perform gas tungsten arc welding • AUMGTW005- Perform gas metal arc welding • AUMGTY001- Paint vehicle chassis and panels • AUMGTY002- Install vehicle components • AUMGTY003- Modify and repair chassis and frames • AURACA101- Respond to customer needs and enquiries in an automotive workplace • AURAEA002- Follow environmental and sustainability best practice in an automotive workplace • AURHTB101- Diagnose and repair heavy vehicle air braking systems • AURHTD103- Diagnose and repair heavy vehicle suspension systems • AURTTB004- Inspect and service air braking systems • AURTTD003- Inspect suspension systems • AURTTD004- Inspect and service suspension systems • MEM30031- Operate computer aided design (CAD) system to produce basic drawing elements • MSS402003- Apply competitive systems and practices • MSS402011- Manage the impact of change on own work • MSS402084 - Undertake root cause analysis
Qualification mapping information	Supersedes and is equivalent to <i>AUM30218 Certificate III in Automotive Manufacturing Technical Operations – Bus, Truck and Trailer</i>
Links	Companion Volume Implementation Guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bd587669-08b3-4cd5-85f0-f9fa0c6304c1

Modification History

Release	Comment
Release 1	This version was first released with AUM Automotive Manufacturing Training Package Version XX to incorporate updates to superseded core and elective units.

DRAFT