



Australian Government

Department of Education, Employment and Workplace Relations

AUR40208 Certificate IV in Automotive Technology

Release: 2

AUR40208 Certificate IV in Automotive Technology

Modification History

Update to *Pathways into the qualification*

One AUR unit of competency code amended:

AURR346267A

Thirteen new AUR units of competency:

AURETH4003
AURETH4004
AURETH4005
AURETH4006
AURETH4007
AURETH4008
AURETH4009
AURETH4010
AURETH4011
AURETH4012
AURTTE3001
AURTTM3001
AURTTM3002

Fifteen AUR units of competency updated:

AURT300471B replaces AURT300471A
AURTTM3003 replaces AURT301357A
AURTTM3004 replaces AURT301383A
AURTTM3005 replaces AURT334606A
AURTTM3006 replaces AURT334608A
AURTTM3007 replaces AURT334808A
AURTTM3008 replaces AURT301383A
AURTTM3009 replaces AURT334708A
AURTTM3010 replaces AURT301359A
AURTTM3011 replaces AURT301483A
AURV326366AB replaces AURV326366AA
AURV326367B replaces AURV326367A
AURVNP4001 replaces AURV465201A
AURVNN4001 replaces AURV465101A
AURVNN4001 replaces AURV465102A

Five imported units of competency updated:

BSBFLM312C replaces BSBFLM312B
LMFGG3001C replaces LMFGG3001B
LMFGG3002C replaces LMFGG3002B
TLID3011A replaces TLID1107C
TLILIC2001A replaces TLILIC108A

Description

This qualification covers the skills and knowledge required to perform advanced diagnostic, troubleshooting and repair operations in an automotive retail, service and repair environment.

Job roles/employment outcomes

The Certificate IV in Automotive Technology is intended to provide advanced training for automotive mechanics, electricians and vehicle body repairers who want to further develop their technical, diagnostic and repair skills.

Employment outcomes targeted by this qualification include:

- master technician
- repair manager
- vehicle service manager.

Application

This qualification is suitable for an Australian Apprenticeship pathway.

Pathways Information

Pathways into the qualification

This qualification may be accessed by direct entry. Credit will be granted towards this qualification by those who have completed AUR30308 Certificate III in Automotive Electrical Technology, AUR30405 Certificate III in Automotive Mechanical Technology, AUR30611 Certificate III in Automotive Specialist, AUR30805 Certificate III in Automotive Vehicle Body or other relevant qualifications.

Pathways from the qualification

Further training pathways from this qualification include AUR50205 Diploma of Automotive Technology or other relevant qualifications.

Additional qualification advice

The Certificate IV in Automotive Technology may be attained as a generic qualification, or where a particular occupational outcome is required, may include a specialisation.

Specialisations for this qualification include:

- electrical
- mechanical
- vehicle body.

Advice is provided at the end of this qualification on the recommended units of competency for each specialisation.

Where elective units of competency are packaged to suit a particular industry sector or occupational outcome, Registered Training Organisations (RTOs) might issue, for example, a:

Certificate IV in Automotive Technology (specialising in mechanical)	OR	Certificate IV in Automotive Technology (mechanical)
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It should be noted that a qualification with a specialisation does not change the title of the qualification, although RTOs may choose to record the specialisation *below* the title.

Licensing/Regulatory Information

Licensing considerations

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

Not Applicable.

Employability Skills Summary

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

The following table contains a summary of the Employability Skills as identified by the Automotive Retail, Service and Repair 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"> • Understanding input from specialist personnel and technical representatives • Providing guidance to others and clearly describing faults, problems and repair requirements • Negotiating with other team members or supervisors regarding timing and progress of work activities and access to equipment • Understanding and interpreting regulations, procedures, instructions and repair manuals • Interpreting wiring diagrams and system schematics, and reading drawings relating to repair activities • Using computers to obtain technical data and complete documentation • Articulating complex ideas clearly • Interpreting a range of complex and technical documents • Analysing and evaluating records, reports and reference materials • Understanding relevant definitions, terminology, symbols and language
Teamwork	<ul style="list-style-type: none"> • Performing tasks as an individual while being responsive to supervisors and others • Working effectively with others who may be of different ages, gender, race, religion and political persuasion • Assisting other team members with tasks and providing advice on work processes and troubleshooting • Seeking expert advice where appropriate • Supporting team members in developing skills and knowledge • Working within own role to support team activities • Identifying and utilising the strengths of other team members
Problem solving	<ul style="list-style-type: none"> • Identifying problems in a timely manner and developing practical solutions to problems/faults not fully covered by technical data • Responding to emergencies or accidents in accordance with regulatory and organisational requirements • Identifying possible solutions for improving environmental and

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

	<p>resource efficient work practices</p> <ul style="list-style-type: none">• Using mathematical techniques to relate diagnostic/test results to system or component performance and to convert values between systems of measurement• Finding, analysing and interpreting data which may be incomplete or have discrepancies• Diagnosing customer service complaints and taking steps to improve the service• Applying a range of problem-solving strategies• Seeking information from various sources to determine the cause of the problem
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EMPLOYABILITY SKILLS QUALIFICATION SUMMARY	
Initiative and enterprise	<ul style="list-style-type: none"> • Adapting to new situations that arise as a consequence of regulatory changes, revised technical data, practices and procedures • Varying work practices and behaviour as a result of performance feedback from peers and supervisors • Adapting competencies to the performance of a wide range of repair tasks • Contributing to a process of continuous improvement and a willingness to support and participate in the effective introduction of new work practices • Identifying learning opportunities to improve work practices • Evaluating tasks to improve efficiency • Promoting environmental and resource efficient work practices
Planning and organising	<ul style="list-style-type: none"> • Clarifying task objectives and required outcomes through discussion with supervisors and other team members • Collecting, analysing and organising information relating to assigned repair tasks and confirming the purpose and required work outcomes • Identifying and organising equipment and material/resource requirements • Planning for contingencies
Self-management	<ul style="list-style-type: none"> • Accepting responsibility for managing individual workload to meet target completion times or fit in with team milestones • Evaluating own performance and identifying areas for improvement • Managing time to independently complete tasks • Planning and reviewing own work • Using judgement and discretion with confidential information
Learning	<ul style="list-style-type: none"> • Taking advantage of learning opportunities that arise internally and externally • Adapting competencies to accommodate new ideas and techniques • Using feedback from supervisors and peers to identify ways in which competence can be improved • Participating in professional networks and associations to obtain and maintain knowledge and skills • Seeking out and learning new ideas, skills and techniques
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

EMPLOYABILITY SKILLS QUALIFICATION SUMMARY

- Using computers and microfiche to obtain technical and repair data
- Using business technology to collect, analyse and provide information

Packaging Rules

Packaging Rules

To be awarded the Certificate IV in Automotive Technology, competency must be achieved in **ten (10)** units of competency, **additional to the requirements of a relevant Certificate III automotive qualification.**

- **one (1)** core unit of competency
- **nine (9)** elective units of competency, as specified below.
 - **one (1)** elective unit of competency from Group A
 - **eight (8)** elective units of competency from Group B, drawn from any combination of:
 - units not already chosen from Group A
 - Group B units listed
 - up to **three (3)** relevant units available in this Training Package, other endorsed Training Packages and accredited courses, where those units are aligned to Certificate III, IV and Diploma qualifications
 - a maximum of **two (2)** elective units may be selected from units aligned to Diploma qualifications.

Note:

Where prerequisite units are identified they must be counted in the total number of units required for completion of the qualification.

Core units of competency

- Complete the following **one (1)** unit of competency.

AURT466208A	Carry out diagnosis of complex system faults
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Elective units of competency

Group A - Elective units

- Complete **one (1)** unit of competency from the following list.

AURR371181A	Implement and monitor environmental regulations in the marine repair industry
AURR471182A	Plan and manage compliance with environmental regulations in the marine service and repair industry
AURT471782A	Plan and manage compliance with environmental regulations in the mechanical repair industry

AURV371481A	Implement and monitor environmental regulations and best practice in the body repair industry
AURV471482A	Plan and manage compliance with environmental regulations in the body repair industry
MSAENV472B	Implement and monitor environmentally sustainable work practices

Group B - Other elective units

- Select **eight (8)** elective units in any combination from:
 - Group B units listed below
 - up to **three (3)** relevant units available in this Training Package, other endorsed Training Packages and accredited courses, where those units are aligned to Certificate III, IV and Diploma qualifications.

Advanced technology	
AURT477093A	Analyse and evaluate gas fuel system faults
AURT570093A	Analyse and evaluate light vehicle steering and suspension system faults
AURT570193A	Analyse and evaluate light vehicle driveline system faults
AURT570293A	Analyse and evaluate light vehicle engine and fuel system faults
AURT570393A	Analyse and evaluate light vehicle braking system faults
AURT571093A	Analyse and evaluate heavy vehicle steering and suspension system faults
AURT571193A	Analyse and evaluate heavy vehicle transmission system faults
AURT571293A	Analyse and evaluate heavy vehicle engine and fuel system faults
AURT571393A	Analyse and evaluate heavy vehicle braking system faults
AURT572093A	Analyse and evaluate wheeled mobile plant steering and suspension system faults
AURT572193A	Analyse and evaluate wheeled mobile plant transmission system faults
AURT572293A	Analyse and evaluate mobile plant engine and fuel system faults

Advanced technology	
AURT572393A	Analyse and evaluate tracked mobile plant transmission, steering and braking systems faults
AURT572493A	Analyse and evaluate tracked mobile plant undercarriage and suspension system faults
AURT572593A	Analyse and evaluate wheeled mobile plant braking system faults
AURT572693A	Analyse and evaluate mobile plant hydraulic system faults
AURT573093A	Analyse and evaluate motorcycle steering, suspension and frame system faults
AURT573193A	Analyse and evaluate motorcycle engine and transmission system faults
AURT573293A	Analyse and evaluate motorcycle electrical/electronic system faults
AURT573393A	Analyse and evaluate motorcycle braking system faults
AURT573593A	Analyse and evaluate light marine hydraulic system faults
AURT573693A	Analyse and evaluate light marine transmission system faults
AURT573793A	Analyse and evaluate light marine engine and powerhead system faults
AURT573893A	Analyse and evaluate light marine hull performance and stability system faults
AURT574020A	Develop and apply mechanical systems modification
AURT574120A	Develop and apply hydraulic systems modification
AURT574220A	Develop and apply pneumatic systems modification
AURT575093A	Analyse and evaluate electrical and electronic faults in stability/steering/suspension systems
AURT575193A	Analyse and evaluate electrical and electronic faults in electric over hydraulic systems
AURT575293A	Analyse and evaluate electrical and electronic faults in engine management systems
AURT575393A	Analyse and evaluate electrical and electronic faults in

Advanced technology	
	transmission/ driveline systems

Advanced technology	
AURT575493A	Analyse and evaluate electrical and electronic faults in braking systems
AURT575593A	Analyse and evaluate electrical and electronic faults in safety systems
AURT575693A	Analyse and evaluate electrical and electronic faults in monitoring/ protection systems
AURT575893A	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURT575993A	Analyse and evaluate electrical and electronic faults in theft deterrent systems
AURT576093A	Analyse and evaluate electrical and electronic faults in electric and hybrid vehicle systems
AURT576193A	Analyse and evaluate electrical and electronic faults in climate control systems
AURT576520A	Develop and apply electrical systems modification
AURT576620A	Develop and apply electronic systems modification
AURT577120A	Develop and apply gas fuel systems modification
AURT577394A	Evaluate and select bodywork materials, equipment and processes
AURT577520A	Prepare technical reports
AURT577620A	Develop and document specifications and procedures
AURT577727B	Estimate and calculate costs to repair, maintain or modify a vehicle

Brakes	
AURE311666A	Repair electric braking systems
AURT310104A	Assemble and fit braking systems/components
AURT310166A	Repair hydraulic braking systems

Brakes	
AURT310171A	Inspect, service and repair auxiliary braking systems
AURT311166A	Repair air braking systems
AURT410145AA	Overhaul braking system components (light)
AURT410145BA	Overhaul braking system components (heavy)
AURT411145A	Overhaul air braking systems/components

Common	
AURC359554A	Provide technical guidance
AURC361101A	Adapt work processes to new technologies
AURC361230A	Inspect technical quality of work
AURC361337A	Maintain quality systems
AURC365722A	Estimate complex jobs
AURC465349B	Prepare a vehicle repair quotation
BSBCM311B	Maintain workplace safety
BSBINN301A	Promote innovation in a team environment
BSBFLM312C	Contribute to team effectiveness
BSBWOR301A	Organise personal work priorities and development
HLTFA301B	Apply first aid
TLID3011A	Conduct specialised forklift operations
TLILIC2001A	Licence to operate a forklift truck

Electrical systems		Prerequisites
AURE318866A	Repair electrical systems	
AURE318966A	Repair instruments and warning systems	

Electrical systems		Prerequisites
AURE319145A	Overhaul charging system alternators	
AURE319166B	Repair charging systems	
AURE319245A	Overhaul starting motors	
AURE319266B	Repair starting systems	
AURE319271A	Inspect, service and repair AC electric motor drive systems	
AURE320031B	Install marine electrical systems and components	
AURE320066B	Diagnose and repair marine electrical systems and components	
AURETH4003	Test and repair high voltage battery systems in battery electric vehicles	AURETH3001 AURE218676A
AURETH4004	Diagnose and repair traction motor speed control device in battery electric vehicles	AURETH3001
AURETH4005	Diagnose and repair high voltage traction motors in battery electric vehicles	AURETH3001
AURETH4006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	AURETH3001
AURETH4007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	AURETH3001
AURETH4008	Diagnose and repair high voltage cabin heating and cooling systems in battery electric vehicles	AURETH3001
AURETH4009	Diagnose and repair DC to DC converters in battery electric vehicles	AURETH3001 AURE218676A
AURETH4010	Test high voltage batteries in hybrid electric vehicles	AURE218676A
AURETH4011	Deactivate and reinitialise power supply in hybrid electric vehicles	
AURETH4012	Service and maintain electrical components in hybrid electric vehicles	AURETH4011

Electronics systems	
AURE320871A	Service and repair electronically controlled steering systems
AURE320971A	Service and repair electronically controlled suspension systems
AURE321066A	Repair electronic systems
AURE321171A	Service and repair electronic spark ignition engine management systems
AURE321271A	Service and repair electronic drive management systems
AURE321371A	Service and repair electronic body management systems
AURE321471A	Service and repair electronically controlled anti-lock braking systems
AURE321571A	Service and repair electronically operated traction control system
AURE321671A	Service and repair electronically operated stability control systems
AURE321771A	Service and repair electronic compression ignition engine management systems
AURE321831B	Install marine electronic systems and components
AURE321971A	Inspect, service and repair electronic management, monitoring and tracking systems

Ignition	
AURE320666B	Repair ignition systems

Engines, systems and transmissions	
AURT304666A	Repair and replace emission control systems
AURT305671A	Inspect and repair engine forced induction systems
AURT306170A	Inspect, service and/or repair clutch assemblies and associated operating system components

Engines, systems and transmissions	
AURT308166A	Repair transmissions (hydrostatic)
AURT334972A	Set, operate and monitor specialist machines
AURT335108A	Carry out machining operations
AURT401145A	Overhaul engines and associated engine components
AURT406145A	Overhaul clutch assemblies
AURT406645A	Overhaul transmissions (manual)
AURT407145A	Overhaul transmissions (automatic)
AURT408145A	Overhaul transmissions (hydrostatic)
AURT412645A	Overhaul final drive assemblies
AURTH301166A	Repair engines and associated engine components (heavy vehicle)
AURTH306666A	Repair transmissions - manual (heavy vehicle)
AURTH307165A	Inspect, test and replace transmissions - automatic (heavy vehicle)
AURTH307166A	Repair transmissions - automatic (heavy vehicle)
AURTH312666A	Repair final drive assemblies (heavy vehicle)
AURTH313166A	Repair final drive - driveline (heavy vehicle)
AURTH404584A	Inspect, repair and diagnose alternative fuel systems for heavy vehicle engines
AURTL301166A	Repair engines and associated engine components (light vehicle)
AURTL306666A	Repair transmissions - manual (light vehicle)
AURTL307166A	Repair transmissions - automatic (light vehicle)
AURTL312666A	Repair final drive assemblies (light vehicle)
AURTL313166A	Repair final drive - driveline (light vehicle)
AURTTE3001	Apply knowledge of engine science

Engines, systems and transmissions	
AURTTM3001	Operate and monitor computer numerical control machines
AURTTM3002	Repair bearing tunnels and connecting rods in engines
AURTTM3003	Apply metal to rebuild engine components
AURTTM3004	Assemble engine blocks and sub-assemblies
AURTTM3005	Balance rotating and reciprocating engine components
AURTTM3006	Perform advanced machining and blueprinting of engine components
AURTTM3007	Carry out grinding operations
AURTTM3008	Dismantle and evaluate engine blocks and sub-assemblies
AURTTM3009	Fit sleeves and bore and hone engine cylinders
AURTTM3010	Heat treat, straighten and reclaim engine components
AURTTM3011	Recondition engine cylinder heads

Fuel systems	
AURT303166B	Repair petrol fuel systems
AURT303666A	Repair diesel fuel systems
AURT304031A	Install LPG/CNG electrical control equipment
AURT304231A	Install LPG fuel systems
AURT304266A	Repair LPG fuel systems
AURT304270A	Service LPG fuel systems
AURT304331A	Install CNG fuel systems
AURT304366A	Repair CNG fuel systems
AURT304370A	Service CNG fuel systems
AURT304431A	Install LNG fuel systems

Fuel systems	
AURT304466A	Repair LNG fuel systems
AURT304470A	Service LNG fuel systems
AURT403145B	Overhaul petrol fuel system components
AURT403645A	Overhaul diesel fuel injection systems
AURT404284A	Diagnose LPG fuel system faults
AURT404384A	Diagnose CNG fuel system faults
AURT404484A	Diagnose LNG fuel system faults

General Mechanical	
AURT300373A	Synchronise plant/equipment
AURT300471B	Inspect, service and repair harvesting equipment
AURT300571A	Inspect, service and repair crop planting and seeding equipment
AURT300671A	Inspect, service and repair spraying and spreading equipment
AURT300771A	Inspect, service and repair lift truck mast assemblies
AURT309131B	Install hydraulic systems to specified applications
AURT309140A	Manufacture and install fluid power hose assemblies
AURT309166A	Repair hydraulic systems
AURT309604A	Assemble and install pneumatic systems/components
AURT309627A	Identify and apply pneumatic wheeled traction performance enhancement systems (heavy vehicle)
AURT322645A	Overhaul air conditioning system components
AURT322666A	Repair/retrofit air conditioning systems
AURT325149A	Prepare engineering drawings
AURT365130A	Inspect vehicle systems and determine preferred repair action

General Mechanical	
AURT365508A	Carry out vehicle safety/roadworthy inspection
AURT366108A	Carry out diagnostic procedures
AURT366308A	Carry out advanced diagnostic procedures
MEM09002B	Interpret technical drawing
MEM12023A	Perform engineering measurements
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations

Marine	
AURR314131B	Install jet drive propulsion systems
AURR314166B	Diagnose and repair jet drive propulsion systems
AURR346108B	Carry out hull repairs
AURR346131B	Install marine engines, controls and instruments
AURR346267A	Diagnose and repair marine steering systems
AURR346336A	Launch and recover a vessel using a trailer
AURR346435B	Launch and recover vessel from crane, gantry and forklift
AURR346543A	Moor a motor driven vessel
AURR346650A	Winterise vessel and engine system
AURR346660B	Recommission vessel systems
AURR346760B	Recommission marine engine systems
AURR346866B	Repair deck, hull and cabin equipment
AURR346931A	Water test a vessel
AURR346975B	Water test engines in tanks
AURR213670A	Service inboard propeller drive systems

Marine	
AURR313684B	Diagnose and repair inboard propeller drive systems
AURR307684B	Diagnose and repair marine outboard and stern drive transmissions
AURR307784B	Diagnose and repair marine inboard transmissions

Outdoor Power Equipment	
AURP301566B	Repair engines and engine components (outdoor power equipment)
AURP322776B	Test and service 240 V portable generators
AURP347666B	Repair pumping systems
AURP401245B	Overhaul engines and engine components (outdoor power equipment)

Steering and Suspension	
AURT316168A	Select and install performance enhanced suspension system products
AURT316171A	Service and rectify faults in lift assisted suspension systems
AURT316271A	Inspect, service and repair tracked type drive and support systems
AURT316316A	Determine compliance of steering and suspension modifications
AURT415145A	Overhaul steering system components
AURTH315166A	Repair steering systems (heavy vehicle)
AURTH316166A	Repair suspension systems (heavy vehicle)
AURTL315166A	Repair steering systems (light vehicle)
AURTL316166A	Repair suspension systems (light vehicle)
AURTM315166A	Repair steering systems (motorcycle)
AURTM316166A	Repair suspension systems (motorcycle)

Trailers	
AURT337119A	Drive and manoeuvre trailer(s)

Tyres, rims and wheels	
AURT317968A	Identify and fit tyres and rims for specific applications (heavy)
AURT318054A	Provide advice on the effects of wheel and tyre combinations
AURT317172A	Reset steering system alignment adjustments to customer specifications
AURTH317108A	Carry out wheel alignment operations (heavy vehicle)
AURTL317108A	Carry out wheel alignment operations (light vehicle)

Vehicle body - General	
AURV328916A	Determine vehicle rescue method and ascertain cost
AURV328961A	Recover vehicle
AURV331987A	Restore vehicle exterior paint
AURVNN4001	Evaluate vehicle bodywork for damage and identify repair requirements
AURVNP4001	Evaluate vehicle paintwork for damage and identify refinish requirements

Vehicle body - Body repair	
AURV324431A	Install vehicle sunroofs
AURV324708A	Carry out wood working operations for fabrication
AURV324766A	Repair plugs, moulds, frames and flooring using wood materials
AURV324823A	Fabricate composite material components
AURV324866A	Repair fibreglass/composite material components
AURV325808A	Carry out paint-less dent repairs

AURV326266AA	Repair body panels (beating and split repair)
AURV326266BA	Repair body panels (metal finishing)
AURV326266CA	Repair body panels (incorporating filler)
AURV326266DA	Repair body panels/components (thermo plastic)
AURV326366AB	Repair/replace structural damage (welding)
AURV326366BA	Repair/replace structural damage (riveting)
AURV326367B	Replace major welded panels
AURV326466A	Repair body components using lead wiping
AURV326508A	Repair vehicle body misalignment
AURV326708A	Carry out major sectional repair
AURV326964A	Remove and replace adhesive bonded panels and structures
AURV327164A	Remove and replace supplementary restraint systems (SRS)
AURV327231A	Install vehicle body component seals
AURV327366A	Repair corroded panels and components
AURV327466AA	Repair aluminium body panels (finishing)
AURV327466BA	Repair aluminium body panels (filling)
AURV328166A	Repair and align motorcycle frames
AURV328366A	Repair chassis/frame and associated components
AURV333215A	Cut and process flat laminated glass
AURV333763A	Remove and install fixed body glass
AURV333863A	Remove and install movable body glass
AURV334031A	Install side windows
AURV334163A	Remove and install rubber and urethane (heavy vehicle) glazed windscreens
AURV334263A	Remove and install 'large' vehicle windscreens

LMFGG3001C	Store and handle glass
LMFGG3002C	Assess glass and glazing requirements

Vehicle body - Paint/refinish

AURV329549A	Prepare spray booths and paint drying equipment
AURV329603BA	Apply solid acrylic enamel refinishing materials (two component system)
AURV329603CA	Apply clear over base refinishing materials (two component system)
AURV329603DA	Apply air dry and polyurethane enamel refinishing materials
AURV329603EA	Apply clear over base multi layer/pearl refinishing materials
AURV329603FA	Apply water based refinishing materials
AURV329649A	Prepare substrate for refinishing
AURV329803BA	Apply multi layer/clear over base colour matching techniques
AURV329803CA	Apply solid colour matching techniques
AURV329903AA	Carry out paint rectification and touch up work for solids (two component system)
AURV329903BA	Carry out paint rectification and touch up work for clear over base (two component system)
AURV329903CA	Carry out paint rectification and touch up work for multi layer/pearl (two component system)
AURV330149A	Prepare and paint plastic components
AURV330508A	Carry out denibbing, buffing and polishing
AURV332308A	Carry out custom painting techniques

Vehicle body - Trimming

AURV330964A	Remove and replace vehicle head lining
AURV331066A	Repair seat frames

Vehicle body - Trimming	
AURV331108A	Carry out sewing operations
AURV331423AA	Fabricate and install loose and fitted covers
AURV331423BA	Fabricate and install marine covers
AURV331423CA	Fabricate and install canvas products
AURV331423DA	Fabricate and install frame structures
AURV331423EA	Fabricate and install floor coverings
AURV331423FA	Fabricate and install hoods (soft tops)
AURV331423GA	Fabricate and install canopies and curtains

Welding		Prerequisites
AURV323908A	Carry out thermoplastic welding procedures	
MEM05003B	Perform soft soldering	
MEM05004C	Perform routine oxy acetylene welding	
MEM05007C	Perform manual heating and thermal cutting	
MEM05017D	Weld using gas metal arc welding process	MEM05050B MEM05051A MEM05052A MEM12023A MEM18001C MEM18002B MEM09002B
MEM05050B	Perform routine gas metal arc welding	
MEM05051A	Select welding processes	
MEM05052A	Apply safe welding practices	

Specialisation advice

Unit selection for a particular occupational stream must adhere to the packaging rules specified above. Examples of appropriate elective units for particular outcomes are provided below.

Note: A specialisation does not alter the title of the qualification although RTOs may choose to record the specialist occupational stream. Refer to *Additional qualification advice*.

Electrical

The units below are recommended for this specialisation:

- eight (8) units of competency from the Electrical Systems group.

Mechanical

The units below are recommended for this specialisation:

- eight (8) units of competency in any combination from the Engines, Systems and Transmissions, General Mechanical, Marine, Outdoor Power Equipment and Steering and Suspension groups.

Vehicle body

The units below are recommended for this specialisation:

- two (2) units from the list below

AURT365130A	Inspect vehicle systems and determine preferred repair action
AURT365508A	Carry out vehicle safety/roadworthy inspection
AURV465116A	Determine vehicle body damage and recommend repair procedures
AURV465230A	Inspect paint, trim and accessories and ascertain recommended repair procedures