

AUR Automotive Retail, Service and Repair Training Package

Version 3.00

WA NOMINAL HOURS GUIDE

Introduction

This Guide has been generated to enable the stakeholders in this Industry in Western Australia to participate in the managed implementation of the National AUR Automotive Retail, Service and Repair Training.

This Guide is designed to aid Registered Training Organisations (RTOs) to convert from existing Training Package qualifications to new Training Package qualifications within the scope of their training delivery.

The Guide should be read in conjunction with the endorsed components of the Training Package.

Version 3.00 of the AUR Automotive Retail, Service and Repair Training Package was released by Training.Gov.Au (TGA) on the 14/04/2016.

Transition Arrangements

Registered Training Organisations (RTOs) are required to deliver Training Package qualifications in accordance with the Standards for RTOs. For further information visit the Training Accreditation Council website www.tac.wa.gov.au.

Nominal Hours

Nominal hours are the hours of training notionally required to achieve the outcomes of units of competency.

Nominal hours are identified for nationally endorsed qualifications. Nominal hours may vary for a qualification depending on the selection of units of competency.

In Western Australia, nominal hours are used as a mechanism for funding allocation.

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Qualifications and Nominal Hours

The following table provides a summary of the qualifications and nominal hours in the industry.

National Code	National Title	Nominal Hours
AUR10116	Certificate I in Automotive Vocational Preparation	140
AUR20116	Certificate II in Automotive Administration	220
AUR20216	Certificate II in Automotive Air Conditioning Technology	316
AUR20316	Certificate II in Bicycle Mechanical Technology	355
AUR20416	Certificate II in Automotive Electrical Technology	297
AUR20516	Certificate II in Automotive Servicing Technology	365
AUR20616	Certificate II in Marine Mechanical Technology	359
AUR20716	Certificate II in Automotive Vocational Preparation	230
AUR20816	Certificate II in Outdoor Power Equipment Technology	286
AUR20916	Certificate II in Automotive Body Repair Technology	317
AUR21016	Certificate II in Motor Sport Technology	303
AUR21116	Certificate II in Automotive Sales	265
AUR21216	Certificate II in Automotive Underbody Technology	290
AUR21316	Certificate II in Automotive Braking System Technology	256
AUR21416	Certificate II in Automotive Cooling System Technology	334
AUR21516	Certificate II in Automotive Cylinder Head Reconditioning	400
AUR21616	Certificate II in Automotive Driveline System Technology	297
AUR21716	Certificate II in Automotive Exhaust System Technology	320
AUR21816	Certificate II in Automotive Steering and Suspension System Technology	250
AUR21916	Certificate II in Automotive Tyre Servicing Technology	266
AUR30116	Certificate III in Automotive Administration	400
AUR30216	Certificate III in Bicycle Workshop Operations	674
AUR30316	Certificate III in Automotive Electrical Technology	940

AUR30416	Certificate III in Agricultural Mechanical Technology	1020
AUR30516	Certificate III in Marine Mechanical Technology	840
AUR30616	Certificate III in Light Vehicle Mechanical Technology	985
AUR30716	Certificate III in Outdoor Power Equipment Technology	870
AUR30816	Certificate III in Motorcycle Mechanical Technology	942
AUR30916	Certificate III in Motor Sport Technology	906
AUR31016	Certificate III in Automotive Sales	490
AUR31116	Certificate III in Heavy Commercial Vehicle Mechanical Technology	1095
AUR31216	Certificate III in Mobile Plant Technology	1099
AUR31316	Certificate III in Automotive Engine Reconditioning	1045
AUR31416	Certificate III in Automotive Diesel Fuel Technology	591
AUR31516	Certificate III in Automotive Diesel Engine Technology	919
AUR31616	Certificate III in Automotive Drivetrain Technology	667
AUR31716	Certificate III in Forklift Technology	721
AUR31816	Certificate III in Heavy Commercial Trailer Technology	740
AUR31916	Certificate III in Elevating Work Platform Technology	851
AUR32016	Certificate III in Automotive Alternative Fuel Technology	636
AUR32116	Certificate III in Automotive Body Repair Technology	902
AUR32216	Certificate III in Automotive Glazing Technology	675
AUR32316	Certificate III in Automotive and Marine Trimming Technology	900
AUR32416	Certificate III in Automotive Refinishing Technology	900
AUR32516	Certificate III in Automotive Underbody Technology	612
AUR32616	Certificate III in Automotive Tyre Management	320
AUR40116	Certificate IV in Automotive Management	340
AUR40216	Certificate IV in Automotive Mechanical Diagnosis	377
AUR40316	Certificate IV in Motor Sport Technology	389
AUR40416	Certificate IV in Automotive Performance Enhancement	354
AUR40514	Certificate IV in Vehicle Loss Assessing	665

AUR40616	Certificate IV in Automotive Electrical Technology	330
AUR40716	Certificate IV in Automotive Body Repair Technology	295
AUR40816	Certificate IV in Automotive Mechanical Overhauling	390
AUR50116	Diploma of Automotive Management	500
AUR50216	Diploma of Automotive Technology	440
AUR50316	Diploma of Motor Sport Technology	382

Units of Competency and Nominal Hours

The following table provides a summary of the units of competency and nominal hours in the industry.

National Code	National Title	Nominal Hours
AURAAA001	Work in an automotive administration role	20
AURAAA002	Determine retail rates for automotive products and services	32
AURACA001	Respond to customer needs and enquiries in an automotive workplace	20
AURACA002	Manage complex customer requirements in an automotive workplace	24
AURACA003	Build customer relations in an automotive workplace	30
AURAEA001	Identify environmental and sustainability requirements in an automotive service or repair workplace	16
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	20
AURAEA003	Monitor environmental and sustainability best practice in an automotive workplace	20
AURAEA004	Manage environmental and sustainability best practice in an automotive workplace	32
AURAF A001	Use numbers in an automotive workplace	20
AURAF A002	Read and respond to automotive workplace information	12
AURAF A003	Communicate effectively in an automotive workplace	20
AURAF A004	Resolve routine problems in an automotive workplace	20
AURAF A005	Write routine texts in an automotive workplace	20
AURAF A006	Conduct research and present technical reports	40
AURAF A007	Develop and document specifications and procedures	40
AURAF A008	Interpret and apply automotive repair instructions	18
AURAF A009	Carry out research into the automotive industry	35
AURAKA001	Use information technology systems	20
AURAKA002	Adapt work processes to new technologies in an automotive workplace	30
AURALA001	Comply with legal aspects of a service and repair contract in an automotive workplace	30
AURAMA001	Work effectively with others in an automotive workplace	20
AURAMA002	Communicate business information in an automotive workplace	16

AURAMA003	Conduct information sessions in an automotive workplace	24
AURAMA004	Maintain business image in an automotive workplace	30
AURAMA005	Manage complex customer issues in an automotive workplace	32
AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace	32
AURANN001	Estimate and quote automotive body repairs	32
AURAQA001	Contribute to quality work outcomes in an automotive workplace	20
AURAQA002	Inspect technical quality of work in an automotive workplace	30
AURAQA003	Maintain quality processes in an automotive workplace	30
AURASA001	Apply automotive workplace safety fundamentals	10
AURASA002	Follow safe working practices in an automotive workplace	20
AURATA001	Identify basic automotive faults using troubleshooting processes	24
AURATA002	Read, interpret and apply engineering drawings	20
AURATA003	Produce drawings from design concepts	20
AURATA004	Provide technical guidance	30
AURATA005	Estimate and quote automotive mechanical and electrical repairs	30
AURBCA001	Work in a retail bicycle environment	20
AURBCA002	Select and adjust bicycles to fit riders	5
AURBTA001	Remove and tag bicycle components	12
AURBTA002	Adjust bicycles and components	10
AURBTA003	Assemble bicycles	30
AURBTA004	Assemble new boxed bicycles for retail sale	20
AURBTA005	Restore bicycles	30
AURBTA006	Assemble components for custom bicycles	20
AURBTA007	Provide mechanical support during cycling events	20
AURBTB001	Service and repair bicycle mechanical braking systems	20
AURBTB002	Service bicycle hydraulic braking systems	20
AURBTB003	Repair and overhaul bicycle hydraulic braking systems	30
AURBTD001	Service bicycle steering systems	20

AURBTD002	Service bicycle suspension systems	20
AURBTD003	Repair and overhaul bicycle steering systems	30
AURBTD004	Repair and overhaul bicycle suspension systems	30
AURBTJ001	Remove, repair and refit bicycle tyres	20
AURBTJ002	Service bicycle wheels and hubs	20
AURBTJ003	Design and build bicycle wheels	30
AURBTJ004	Repair and overhaul bicycle wheels and hubs	20
AURBTK001	Maintain specialised bicycle repair tools and equipment	10
AURBTQ001	Service bicycle drivetrain systems	20
AURBTQ002	Repair and overhaul bicycle drivetrain systems	30
AURBTR001	Service electric power-assisted bicycles	20
AURBTR002	Install and adjust bicycle electronic gear shifters	20
AURBTV001	Remove, refit and adjust bicycle accessories	20
AURBTY001	Repair bicycle frames	30
AURBTY002	Design and build bicycle frames	30
AURBTY003	Repair carbon fibre bicycle frames	30
AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems	36
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems	32
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems	36
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems	36
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems	32
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems	32
AURETB001	Diagnose and repair electric braking systems	30
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems	32
AURETD001	Diagnose and repair electronically controlled steering systems	30
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems	36
AURETH001	Depower and reinitialise battery electric vehicles	10
AURETH002	Service and maintain battery electric vehicles	20

AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicle	30
AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles	30
AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles	50
AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	40
AURETH007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	40
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle	40
AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles	40
AURETH010	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles	15
AURETH011	Depower and reinitialise hybrid electric vehicles	20
AURETH012	Service and maintain electrical components in hybrid electric vehicles	30
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems	36
AURETH014	Diagnose complex faults in hybrid and battery electric vehicle network management systems	45
AURETK001	Identify, select and use low voltage electrical test equipment	10
AURETK002	Use and maintain electrical test equipment in an automotive workplace	18
AURETK003	Operate electrical test equipment	35
AURETR001	Remove and tag automotive electrical system components	22
AURETR002	Inspect heavy vehicle battery storage systems	20
AURETR003	Identify automotive electrical systems and components	10
AURETR004	Diagnose complex faults in convenience and entertainment systems	45
AURETR005	Install automotive security systems and components	20
AURETR006	Solder electrical wiring and circuits	20
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	18
AURETR008	Remove and replace electrical units and assemblies	15
AURETR009	Install vehicle lighting and wiring systems	20
AURETR010	Repair wiring harnesses and looms	55
AURETR011	Install basic ancillary electrical systems and components	20
AURETR012	Test and repair basic electrical circuits	30
AURETR013	Inspect, test and service charging systems	10

AURETR014	Inspect, test and service starting systems	10
AURETR015	Inspect, test and service batteries	20
AURETR016	Read and apply vehicle wiring schematics and drawings	10
AURETR017	Overhaul charging system alternators	40
AURETR018	Overhaul starting system motors	30
AURETR019	Inspect, service and repair AC electric motor drive systems	30
AURETR020	Diagnose and repair network electronic control systems	45
AURETR021	Inspect, service and repair electronic management, monitoring and tracking systems	30
AURETR022	Diagnose and repair vehicle dynamic control systems	50
AURETR023	Diagnose and repair spark ignition engine management systems	55
AURETR024	Diagnose and repair compression ignition engine management systems	45
AURETR025	Test, charge and replace batteries and jump-start vehicles	20
AURETR026	Remove, replace and program electrical and electronic units and assemblies	20
AURETR027	Install ancillary electronic systems and components	35
AURETR028	Diagnose and repair instruments and warning systems	30
AURETR029	Diagnose and repair charging systems	25
AURETR030	Diagnose and repair starting systems	30
AURETR031	Diagnose and repair ignition systems	30
AURETR032	Diagnose and repair automotive electrical systems	44
AURETR033	Develop and apply network electronic control system modifications	36
AURETR034	Develop and apply electrical system modifications	36
AURETR035	Apply knowledge of petrol and diesel engine operation	10
AURETR036	Diagnose and repair electronically controlled suspension systems	30
AURETR037	Diagnose complex faults in light vehicle safety systems	45
AURETR038	Diagnose complex faults in motorcycle electrical and electronic systems	45
AURETR039	Diagnose complex faults in light vehicle theft-deterrent systems	45
AURETR040	Diagnose complex faults in vehicle monitoring and protection systems	45
AURETR042	Remove, refit and operate electrical components following body repair activities	20

AURETR043	Diagnose and repair electronic body management systems	45
AURETR044	Diagnose and repair integrated engine and transmission management systems	45
AURETR045	Inspect, service and repair DC electric motor drive systems	35
AURETR046	Remove and refit vehicle batteries	15
AURETR047	Recharge vehicle batteries	15
AURETR048	Construct and test basic electronic circuits	35
AURETU001	Install air conditioning systems	20
AURETU002	Recover vehicle refrigerants	10
AURETU003	Service air conditioning and HVAC systems	20
AURETU004	Diagnose and repair air conditioning and HVAC systems	30
AURETU005	Retrofit and modify air conditioning and HVAC systems	30
AURETU006	Diagnose complex faults in air conditioning and HVAC systems	45
AURETU007	Overhaul air conditioning and HVAC system compressors	36
AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems	36
AURHTA001	Carry out heavy vehicle pre-repair cleaning	10
AURHTA003	Remove and replace heavy commercial vehicle ancillary components and accessories	18
AURHTB001	Diagnose and repair heavy vehicle air braking systems	40
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems	30
AURHTB003	Overhaul hydraulic and air over hydraulic braking system components	36
AURHTB004	Overhaul air braking system components	40
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems	36
AURHTB006	Diagnose complex faults in heavy commercial vehicle braking systems	45
AURHTB007	Diagnose and repair heavy commercial vehicle electronic braking systems	35
AURHTD001	Inspect heavy commercial vehicle suspension systems	10
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems	40
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems	40
AURHTD004	Carry out heavy vehicle wheel alignment operations	30
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems	36

AURHTD006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	45
AURHTE001	Remove and install heavy vehicle engine assemblies	24
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	50
AURHTE003	Diagnose complex faults in heavy vehicle diesel engines	45
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems	36
AURHTF001	Inspect heavy commercial vehicle fuel systems	18
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	70
AURHTJ001	Inspect heavy commercial vehicle wheels and tyres	10
AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications	25
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies	20
AURHTJ004	Remove, inspect, repair and refit agricultural equipment tyres and tubes	35
AURHTJ005	Identify and apply heavy vehicle pneumatic wheeled traction performance enhancement systems	30
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes	20
AURHTL001	Inspect, diagnose and repair alternative fuel systems in heavy vehicle engines	60
AURHTQ001	Inspect heavy commercial vehicle driveline components	5
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies	30
AURHTQ003	Diagnose and repair heavy vehicle drive shafts	30
AURHTR005	Diagnose and repair heavy commercial trailer electronically controlled roll stability systems	20
AURHTX001	Diagnose and repair heavy vehicle manual transmissions	40
AURHTX002	Inspect, test and replace heavy vehicle automatic transmissions	70
AURHTX003	Diagnose and repair heavy vehicle automatic transmissions	30
AURHTX004	Diagnose and repair heavy vehicle clutch systems	30
AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems	36
AURHTX006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	45
AURHTY001	Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes	5
AURHTY002	Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes	10
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	30
AURJTA001	Carry out minor adjustments to motorcycles	10

AURJTA002	Remove and replace motorcycle components and accessories	10
AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems	36
AURJTB001	Diagnose and repair motorcycle braking systems	35
AURJTB002	Analyse and evaluate faults in motorcycle braking systems	36
AURJTD001	Inspect motorcycle suspension systems	10
AURJTD002	Inspect motorcycle steering systems	10
AURJTD003	Diagnose and repair motorcycle suspension systems	25
AURJTD004	Diagnose and repair motorcycle steering systems	25
AURJTD005	Diagnose complex faults in motorcycle steering and suspension systems	45
AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems	36
AURJTE001	Diagnose and repair motorcycle engines	55
AURJTE002	Diagnose complex faults in motorcycle engine and transmission systems	45
AURJTJ001	Remove, inspect and refit motorcycle wheel and tyre assemblies	18
AURJTJ002	Remove, inspect, repair and refit motorcycle tyres and tubes	35
AURJTJ003	Remove and refit motorcycle wheel and tyre assemblies	10
AURJTQ001	Inspect and service motorcycle driveline systems	5
AURJTQ002	Diagnose and repair motorcycle driveline systems	20
AURJTR001	Analyse and evaluate faults in motorcycle electrical and electronic systems	36
AURJTX001	Diagnose and repair motorcycle clutch systems	30
AURJTX002	Diagnose and repair motorcycle manual transmissions	35
AURJTX003	Diagnose and repair motorcycle automatic transmissions	45
AURJTY001	Repair and align motorcycle frames	20
AURKKJ001	Manage use of tyre management software	35
AURKTA001	Synchronise plant and equipment	30
AURKTA002	Inspect, service and repair crop harvesting equipment	20
AURKTA003	Inspect, service and repair crop planting and seeding equipment	20
AURKTA004	Inspect, service and repair spraying and spreading equipment	20
AURKTA005	Inspect, service and repair track type drive and support systems	30

AURKTA006	Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems	36
AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems	36
AURKTA009	Diagnose complex faults in mobile plant hydraulic systems	45
AURKTA010	Inspect, service and repair hay cutting, raking and baling equipment	35
AURKTA011	Diagnose and repair mobile plant hydraulic systems	55
AURKTB001	Diagnose and repair mobile plant braking systems	40
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems	36
AURKTB003	Diagnose complex faults in mobile plant braking systems	45
AURKTD001	Diagnose and repair mobile plant suspension systems	35
AURKTD002	Diagnose and repair mobile plant steering systems	35
AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems	36
AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems	36
AURKTD005	Diagnose complex faults in mobile plant steering and suspension systems	45
AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems	36
AURKTJ001	Remove, inspect and fit earthmoving and off-the-road tyres	35
AURKTJ002	Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies	35
AURKTJ003	Perform minor repairs to earthmoving and off-the-road tyres	20
AURKTJ004	Conduct non-destructive testing of wheel and rim assemblies	20
AURKTJ005	Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications	20
AURKTJ006	Use earthmoving and off-the-road tyre handlers	20
AURKTQ001	Diagnose and repair mobile plant final drive assemblies	30
AURKTR001	Diagnose and repair electronic over hydraulic control systems	35
AURKTX001	Diagnose and repair powershift transmissions	50
AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems	36
AURKTX003	Diagnose complex faults in mobile plant transmission and driveline systems	45
AURKTX004	Diagnose and repair continuously variable transmissions	55
AURLLD001	Determine compliance of steering and suspension modifications	30
AURLTA001	Identify automotive mechanical systems and components	15

AURLTB001	Overhaul light vehicle braking system components	32
AURLTB002	Analyse and evaluate faults in light vehicle braking systems	36
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	30
AURLTB004	Diagnose complex faults in light vehicle braking systems	45
AURLTD001	Select and install performance enhanced suspension system products	30
AURLTD002	Service and repair light vehicle lift assisted suspension systems	30
AURLTD003	Reset steering system alignment adjustments to customer specifications	30
AURLTD004	Diagnose and repair light vehicle steering systems	30
AURLTD005	Diagnose and repair light vehicle suspension systems	30
AURLTD006	Carry out light vehicle wheel alignment operations	30
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems	36
AURLTD009	Diagnose complex faults in light vehicle steering and suspension systems	45
AURLTE001	Remove and install light vehicle engine assemblies	24
AURLTE002	Diagnose and repair light vehicle engines	50
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems	36
AURLTE004	Diagnose complex faults in light vehicle petrol engines	45
AURLTE005	Diagnose complex faults in light vehicle diesel engines	45
AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	30
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems	45
AURLTJ001	Select light vehicle tyres and wheels for specific applications	20
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	12
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies	20
AURLTJ004	Provide advice on the effects of wheel and tyre combinations	10
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	30
AURLTQ002	Diagnose and repair light vehicle drive shafts	20
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems	36
AURLTX001	Diagnose and repair light vehicle manual transmissions	30
AURLTX002	Diagnose and repair light vehicle automatic transmissions	30

AURLTX003	Diagnose and repair light vehicle clutch systems	30
AURLTX004	Diagnose complex faults in light vehicle automatic transmission and driveline systems	45
AURLTZ001	Diagnose and repair light vehicle emission control systems	30
AURMBA001	Transport light competition vehicles and support equipment	10
AURMBA002	Load and unload competition vehicles and support equipment	18
AURMCA001	Manage motor sport team media liaison	40
AURMCA002	Manage motor sport team promotional partnerships and marketing	40
AURMDA001	Develop and update motor sport industry knowledge	10
AURMDA002	Assist with officiating duties at motor sport events	5
AURMDA004	Recover vehicles at motor sport events	10
AURMDA005	Act as a marshal at motor sport events	15
AURMDA006	Communicate using flags and signals at motor sport events	5
AURMDA007	Act as a steward at motor sport events	20
AURMGA001	Set up and dismantle temporary work location and equipment at motor sport events	16
AURMGA002	Manage personal presentation and development in a motor sport environment	32
AURMKA001	Manage motor sport data	40
AURMLA001	Apply motor sport rules and regulations when officiating	10
AURMLA002	Monitor motor sport official and volunteer application of rules and regulations	15
AURMLA003	Inspect vehicles and equipment at motor sport events for compliance	20
AURMMA001	Operate in a motor sport environment	20
AURMMA002	Manage the preparation of motor sport competition vehicles	40
AURMMA003	Manage motor sport operations	50
AURMMA004	Manage motor sport team development	40
AURMMA005	Manage team pit lane and service area operations at motor sport events	40
AURMMA006	Develop and implement race strategies for motor sport events	50
AURMMA007	Follow motor sport event and team safety requirements	20
AURMMA008	Coordinate operations of a motor sport team	30
AURMSA001	Follow motor sport safety and risk management procedures	10

AURMSA002	Implement and monitor safety and risk management in a motor sport environment	20
AURMTA001	Prepare and service light competition vehicles	20
AURMTA002	Assemble and prepare competition vehicles for motor sport events	24
AURMTA003	Determine material suitability for competition vehicle components	40
AURMTA004	Prepare competition vehicles at motor sport events	18
AURMTA005	Perform pit lane and service area operations at motor sport events	16
AURMTA006	Perform torquing and fastening on motor sport competition vehicles	18
AURMTA007	Conduct non-destructive testing	30
AURMTA008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles	50
AURMTA009	Collect and log motor sport data	20
AURMTD001	Test suspension dampers using a dynamometer	32
AURMTD002	Prepare competition vehicle suspension	32
AURMTE001	Test engines using a dynamometer	32
AURMTF001	Analyse and repair performance carburetted fuel systems	36
AURMTF002	Analyse and repair performance fuel injection systems	36
AURMTJ001	Select and prepare motor sport competition vehicle tyres and wheels	26
AURMTQ001	Analyse and repair faults in performance driveline systems	36
AURMTS001	Construct hose and pipe assemblies for competition vehicles	20
AURNTA001	Inspect, service and repair forklift mast assemblies	30
AURNTB001	Diagnose and repair forklift hydraulic braking systems	35
AURNTD001	Diagnose and repair forklift hydrostatic steering systems	35
AURPTA001	Carry out pre-repair operations to outdoor power equipment	5
AURPTA002	Carry out minor adjustments to outdoor power equipment	10
AURPTA003	Service and repair rotary cutting systems	16
AURPTA004	Service and repair drum cutting systems	20
AURPTA005	Service and repair chainsaw cutting systems	20
AURPTA006	Inspect and service line trimming systems and components	8
AURPTA007	Service and repair post boring systems	16

AURPTA008	Service and repair post hole digging systems	16
AURPTA009	Service and repair reciprocating cutting systems	16
AURPTA010	Inspect and service pumping systems	20
AURPTA011	Diagnose and repair pumping systems	30
AURPTE002	Inspect and service outdoor power equipment engines	20
AURPTE003	Diagnose and repair outdoor power equipment engines	26
AURPTE004	Overhaul outdoor power equipment engines	32
AURPTR001	Test and service 240 volt portable generators	10
AURPTR002	Test and service electric outdoor power equipment	20
AURPTR003	Service and repair outdoor power equipment engine management systems	35
AURRGA001	Launch and recover vessels using a trailer	20
AURRGA002	Use cranes, gantries and forklifts to launch and recover vessels	26
AURRGA003	Moor motor-driven vessels	22
AURRTA001	Inspect and service deck, hull and cabin equipment	20
AURRTA003	Winterise vessels and engine systems	25
AURRTA006	Water test vessels	16
AURRTA007	Analyse and evaluate faults in light marine hydraulic systems	36
AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems	36
AURRTA009	Recommission vessels and engine systems	35
AURRTC001	Diagnose and repair marine exhaust and cooling systems	25
AURRTD001	Diagnose and repair marine steering systems	24
AURRTE001	Carry out wet run tests on vessel outboard engines	10
AURRTE002	Inspect and service marine outboard engines	20
AURRTE003	Inspect and service marine inboard engines	20
AURRTE006	Diagnose and repair marine outboard engines	40
AURRTE007	Diagnose and repair marine inboard engines	40
AURRTE008	Install marine engines, controls and instruments	30
AURRTE010	Test marine engines in water tanks	16

AURRTE011	Overhaul two and four-stroke cycle marine outboard engines	40
AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems	36
AURRTQ001	Inspect and service marine inboard propeller drive systems	30
AURRTQ002	Inspect and service marine jet drive propulsion systems	20
AURRTQ004	Diagnose and repair marine inboard propeller drive systems	30
AURRTQ005	Install marine jet drive propulsion systems	30
AURRTQ006	Diagnose and repair marine jet drive propulsion systems	25
AURRTR001	Inspect, service and maintain marine battery storage systems	10
AURRTR006	Diagnose and repair marine electrical systems	30
AURRTR007	Install marine electrical systems and components	15
AURRTX001	Inspect and service marine outboard and stern drive transmissions	20
AURRTX002	Inspect and service marine inboard transmissions	16
AURRTX003	Diagnose and repair marine outboard and stern drive transmissions	30
AURRTX004	Diagnose and repair marine inboard transmissions	30
AURRTX005	Analyse and evaluate faults in light marine transmission systems	36
AURSAA001	Process customer complaints in an automotive workplace	16
AURSAA002	Maintain customer aftermarket relations	15
AURSBA001	Carry out warehousing procedures in an automotive workplace	16
AURSBA002	Identify and match uncommon automotive parts	30
AURSCA001	Select and supply automotive parts and products	20
AURSCA002	Present automotive products and services for sale	16
AURSCA003	Apply sales procedures in an automotive workplace	16
AURSCA004	Carry out cash and non-cash payment operations	20
AURSCA005	Sell automotive products and services	20
AURSCA006	Promote automotive products and services	20
AURSCA007	Determine used motor vehicle stock requirements	24
AURSCA008	Wholesale used motor vehicle stock	30
AURSCA009	Provide vehicle technology information	15

AURSCA010	Appraise and purchase used motor vehicles for sale	30
AURSCA011	Conduct online transactions in an automotive workplace	35
AURSCP001	Provide information to customers on automotive refinishing products	12
AURSLA001	Comply with legal requirements when selling automotive products and services	20
AURTGA001	Drive and manoeuvre trailers	30
AURTNA001	Estimate and quote automotive vehicle or machinery modifications	36
AURTTA001	Remove and tag steering, suspension and braking system components	16
AURTTA002	Assist with automotive workplace activities	36
AURTTA003	Use and maintain basic mechanical measuring devices	16
AURTTA004	Carry out servicing operations	40
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	20
AURTTA006	Inspect and service hydraulic systems	30
AURTTA007	Inspect, service and repair pneumatic systems	20
AURTTA008	Produce patterns and templates	20
AURTTA009	Carry out mechanical pre-repair operations	20
AURTTA010	Service and repair trailers up to 4.5 tonnes	20
AURTTA011	Install hydraulic systems to specified applications	30
AURTTA012	Fabricate and install fluid power hose assemblies	30
AURTTA013	Diagnose and repair hydraulic systems	40
AURTTA014	Assemble and install pneumatic system components	30
AURTTA015	Produce engineering drawings for vehicle components	30
AURTTA017	Carry out vehicle safety inspections	16
AURTTA018	Carry out diagnostic procedures	30
AURTTA020	Apply heat induction processes	15
AURTTA021	Diagnose complex system faults	40
AURTTA022	Develop and apply mechanical system modifications	40
AURTTA023	Develop and apply hydraulic system modifications	40
AURTTA024	Develop and apply pneumatic system modifications	40

AURTTA025	Diagnose complex faults in vehicle integrated stability control systems	45
AURTTA026	Diagnose complex faults in electronic over hydraulic systems	45
AURTTA027	Carry out basic vehicle servicing operations	35
AURTTB001	Inspect and service braking systems	20
AURTTB002	Attach friction materials and radius grind	20
AURTTB003	Machine brake drums and brake disc rotors	16
AURTTB004	Inspect and service air braking systems	20
AURTTB005	Assemble and fit braking system components	30
AURTTB006	Inspect, service and repair auxiliary braking systems	30
AURTTB007	Remove and replace brake assemblies	20
AURTTTC001	Inspect and service cooling systems	20
AURTTTC002	Repair radiators	20
AURTTTC003	Diagnose and repair cooling systems	20
AURTTTC004	Remove and replace radiators	20
AURTTD001	Inspect steering systems	20
AURTTD002	Inspect and service steering systems	20
AURTTD003	Inspect suspension systems	16
AURTTD004	Inspect and service suspension systems	20
AURTTD005	Overhaul steering system components	36
AURTTD006	Remove and replace vehicle front suspension springs	25
AURTTD007	Remove and replace steering assemblies	20
AURTTE001	Apply knowledge of engine science	40
AURTTE003	Remove and tag engine system components	22
AURTTE004	Inspect and service engines	20
AURTTE005	Overhaul engines	60
AURTTE006	Remove and replace conventional engine assemblies	20
AURTTE007	Dismantle and assemble single cylinder four-stroke petrol engines	35
AURTTE008	Dismantle and assemble multi-cylinder four-stroke petrol engines	35

AURTTE009	Remove and replace engine cylinder heads	20
AURTTFF001	Inspect and service petrol fuel systems	20
AURTTFF002	Inspect and service diesel fuel injection systems	16
AURTTFF003	Overhaul diesel fuel injection system components	36
AURTTFF005	Diagnose and repair engine forced-induction systems	24
AURTTFF006	Diagnose and repair petrol carburettor systems	30
AURTTFF007	Overhaul carburettor fuel system components	32
AURTTJ001	Balance wheels and tyres	10
AURTTJ002	Remove, inspect and refit wheel hubs and associated brake components	20
AURTTJ003	Remove and replace wheel and tyre assemblies	10
AURTTK001	Use and maintain measuring equipment in an automotive workplace	16
AURTTK002	Use and maintain tools and equipment in an automotive workplace	20
AURTTL001	Inspect and service CNG fuel systems	30
AURTTL002	Diagnose and repair CNG fuel systems	31
AURTTL003	Install CNG fuel systems	30
AURTTL004	Inspect and service LNG fuel systems	30
AURTTL005	Diagnose and repair LNG fuel systems	31
AURTTL006	Install LNG fuel systems	30
AURTTL007	Inspect and service LPG fuel systems	30
AURTTL008	Diagnose and repair LPG fuel systems	31
AURTTL009	Install LPG fuel systems	30
AURTTL010	Install LPG, CNG and LNG electrical control equipment	30
AURTTL011	Diagnose complex faults in CNG fuel systems	45
AURTTL012	Diagnose complex faults in LNG fuel systems	45
AURTTL013	Diagnose complex faults in LPG fuel systems	45
AURTTL014	Analyse and evaluate faults in gas fuel systems	36
AURTTL015	Develop and apply gas fuel system modifications	40
AURTTM001	Operate and monitor computer numerical control machines	30

AURTTM002	Repair bearing tunnels and connecting rods in engines	40
AURTTM003	Apply metal to rebuild engine components	60
AURTTM004	Assemble engine blocks and sub-assemblies	70
AURTTM005	Balance rotating and reciprocating engine components	40
AURTTM006	Perform advanced machining and blueprinting of engine components	40
AURTTM007	Carry out crankshaft grinding	60
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies	70
AURTTM009	Fit sleeves and bore and hone engine cylinders	60
AURTTM010	Heat treat, straighten and reclaim engine components	40
AURTTM011	Recondition engine cylinder heads	120
AURTTM012	Carry out camshaft grinding	55
AURTTQ001	Inspect and service final drive assemblies	15
AURTTQ002	Remove and refit driveline components	12
AURTTQ003	Inspect and service drive shafts	16
AURTTQ004	Overhaul final drive assemblies	32
AURTTTR001	Diagnose complex faults in engine management systems	45
AURTTTS001	Fabricate exhaust systems and components	24
AURTTW001	Carry out soft soldering techniques	30
AURTTW002	Set, operate and monitor specialist reconditioning machines	30
AURTTW003	Carry out machining operations	30
AURTTX001	Remove and tag driveline components	16
AURTTX002	Inspect and service manual transmissions	20
AURTTX003	Inspect and service automatic transmissions	20
AURTTX004	Inspect and service hydrostatic transmissions	24
AURTTX005	Inspect and service clutch systems	10
AURTTX006	Diagnose and repair hydrostatic transmissions	40
AURTTX007	Overhaul clutch assemblies	40
AURTTX008	Overhaul manual transmissions	32

AURTTX009	Overhaul automatic transmissions	40
AURTTX010	Overhaul hydrostatic transmissions	40
AURTTX011	Overhaul torque converters	25
AURTTX012	Dismantle and assemble conventional manual transmissions	35
AURTTX013	Remove and replace clutch assemblies	20
AURTTY001	Repair vehicle chassis, frame and associated components	20
AURTTZ001	Inspect and service emission control systems	10
AURTTZ002	Diagnose and repair exhaust systems	20
AURVLA001	Identify and report vehicle claim fraud indicators	30
AURVNA001	Provide vehicle loss assessments and identify repair requirements	80
AURVNA002	Provide vehicle total loss assessments	30
AURVNA003	Review vehicle repair quotations	40
AURVNA004	Apply insurance industry knowledge to vehicle loss assessments	80
AURVNA005	Inspect quality of vehicle repair work	20
AURVNA006	Identify and value vehicle salvage	30
AURVNA007	Apply automotive mechanical and electrical knowledge to vehicle loss assessments	40
AURVNA008	Apply automotive body and paint knowledge to vehicle loss assessments	40
AURVNN001	Evaluate vehicle bodywork for damage and identify repair requirements	40
AURVNP001	Evaluate vehicle paintwork for damage and identify refinish requirements	40
AURVTA001	Prepare vehicles for customer use	20
AURVTA002	Remove and replace vehicle supplementary restraint systems	30
AURVTA003	Inspect vehicle paint, trim and accessories and recommend repair procedures	40
AURVTA004	Inspect damaged vehicle systems and recommend repairs	30
AURVTA005	Clean vehicles	20
AURVTG001	Repair laminated glass windscreens	20
AURVTG002	Remove and install rubber glazed windscreens	20
AURVTG003	Remove and install butyl sealed windscreens	20
AURVTG004	Remove and install direct glazed windscreens	20

AURVTG005	Remove and install framed type windscreens	20
AURVTG006	Apply vehicle window tinting	20
AURVTG007	Clean vehicle glass surfaces	10
AURVTG008	Cut and process vehicle and machinery flat laminated glass	30
AURVTG009	Remove and install vehicle fixed body glass	30
AURVTG010	Remove and install vehicle movable body glass	30
AURVTG011	Install side vehicle windows	30
AURVTG012	Remove and install heavy vehicle rubber and direct glazed windscreens	30
AURVTG013	Remove and install large vehicle windscreens	30
AURVTK001	Use and maintain vehicle body repair hand tools	15
AURVTN001	Remove and tag vehicle body components	22
AURVTN002	Carry out non-structural vehicle panel repairs	30
AURVTN003	Remove and store vehicle body components	24
AURVTN004	Remove, replace and align bolt-on vehicle body panels and components	58
AURVTN005	Remove and replace adhesive attached components on vehicles	20
AURVTN006	Remove and replace mechanical units during vehicle repair	20
AURVTN007	Remove and clean salvageable vehicle components	20
AURVTN008	Clean vehicle body and door openings	20
AURVTN009	Clean vehicle engines and engine components	20
AURVTN010	Clean vehicle underbody	20
AURVTN011	Remove and install vehicle rear vision mirrors	10
AURVTN012	Install vehicle sunroofs	30
AURVTN013	Carry out paint-less dent repairs on vehicle body panels	30
AURVTN015	Repair vehicle body panels using metal finishing	40
AURVTN016	Repair vehicle body panels using filler	30
AURVTN017	Repair vehicle thermoplastic body panels and components	30
AURVTN018	Repair and replace vehicle structural damage	58
AURVTN019	Repair vehicle structural damage by riveting	30

AURVTN020	Remove and replace major welded panels on vehicles	48
AURVTN021	Repair vehicle body components using lead wiping	30
AURVTN022	Repair vehicle body misalignment	48
AURVTN023	Repair adhesive bonded structural damage on vehicles	30
AURVTN025	Repair corroded vehicle body panels and components	32
AURVTN026	Repair vehicle aluminium body panels without the use of body filler	30
AURVTN027	Repair vehicle aluminium body panels using filler	30
AURVTN028	Identify and repair high strength steel vehicle components	40
AURVTN029	Set up and operate universal vehicle measuring systems	20
AURVTN030	Service air compressors and air lines	16
AURVTN031	Carry out vehicle sectional repairs	54
AURVTN032	Inspect vehicle damage and determine repair procedures	34
AURVTN033	Service and repair air compressors and components	20
AURVTN034	Evaluate vehicle body repair materials, equipment and work processes	36
AURVTN035	Apply original equipment manufacturer repair procedures during vehicle repairs	15
AURVTN037	Test vehicle components for correct operation	20
AURVTN038	Carry out basic repairs to vehicle body panels	35
AURVTN039	Set up body alignment equipment on vehicles	35
AURVTN040	Repair vehicle plastic components	20
AURVTN041	Remove and realign vehicle body panels	35
AURVTN042	Dismantle vehicle components	20
AURVTP001	Remove paint from vehicle painted surfaces	20
AURVTP002	Mask vehicle panels and components	32
AURVTP003	Prepare vehicle spray painting equipment for use	24
AURVTP004	Apply basic colour matching techniques using vehicle paint codes	24
AURVTP005	Apply rust prevention and sound deadening materials to vehicle body components	16
AURVTP006	Apply refinishing primers to vehicle surfaces	40
AURVTP007	Touch up minor vehicle paintwork damage	16

AURVTP008	Clean and polish vehicle paint surfaces	20
AURVTP009	Apply vehicle body film wrapping	15
AURVTP010	Prepare and operate vehicle paint drying equipment	30
AURVTP011	Apply solid acrylic two-pack materials to vehicle components	48
AURVTP012	Apply air dry and polyurethane refinishing materials	32
AURVTP013	Prepare vehicle substrates for refinishing	32
AURVTP014	Colour match multi-layer and clear over base two-pack paints on vehicles and components	36
AURVTP015	Match direct gloss solid paint colour on vehicles or components	30
AURVTP016	Rectify and touch up vehicle direct gloss paint faults using two-pack systems	36
AURVTP017	Rectify and touch up vehicle paint faults using clear over base two-pack systems	36
AURVTP018	Rectify vehicle multi-layer and pearl paint faults using two-pack systems	36
AURVTP019	Prepare and paint plastic and composite vehicle surfaces	24
AURVTP020	De-nib, buff and polish vehicle painted surfaces	30
AURVTP021	Restore vehicle body exterior paint	30
AURVTP023	Apply clear over base two-pack refinishing materials to vehicle body components	48
AURVTP024	Apply clear over base multi-layer and pearl refinishing materials to vehicle body components	56
AURVTP025	Apply water-based refinishing materials to vehicle bodies and substrates	54
AURVTP026	Apply basic airbrush techniques to vehicle body panels	40
AURVTP028	Carry out custom painting techniques to vehicle body panels	80
AURVTP029	Prepare surface and prime repaired body panels	45
AURVTP030	Apply paint to vehicle body panels	80
AURVTP031	Cut and polish painted vehicle body panels	25
AURVTP032	Prepare and mask vehicle body panel surfaces	20
AURVTS001	Fabricate wooden components for vehicles	40
AURVTS002	Repair wooden components in vehicles	30
AURVTS003	Fabricate vehicle composite material components	30
AURVTS004	Repair vehicle composite material components	30
AURVTS005	Fabricate vehicle body panels and components	35

AURVTS006	Fabricate automotive and marine trim components	20
AURVTT001	Carry out sewing repairs to automotive and marine trim	40
AURVTT002	Carry out repairs and alterations to automotive and marine trim	40
AURVTT003	Remove and replace automotive and marine interior trim components	20
AURVTT004	Trim vehicle components	68
AURVTT005	Select trim and fabric materials	20
AURVTT006	Apply trimming adhesives	12
AURVTT007	Clean plastic trim and fittings of vehicles	20
AURVTT008	Clean vehicle interior trim	20
AURVTT009	Remove and replace vehicle and vessel seats and fittings	20
AURVTT010	Remove and manufacture or repair vehicle head lining	44
AURVTT012	Conduct sewing operations	40
AURVTT013	Fabricate and fit loose and fitted covers to vehicle seats and components	40
AURVTT014	Fabricate and fit marine covers	40
AURVTT015	Fabricate and install canvas products for automotive and marine components	40
AURVTT017	Fabricate and install automotive and marine floor coverings	40
AURVTT018	Fabricate and install automotive and marine soft top hoods	40
AURVTT019	Fabricate and install automotive and marine frames, canopies and side curtains	30
AURVTT020	Select and use leather in automotive and marine trimming	70
AURVTT021	Select and apply adhesives in automotive and marine service and repair work	15
AURVTV001	Remove, replace and test non-electrical vehicle components and accessories	20
AURVTW001	Carry out manual metal arc welding on components	20
AURVTW002	Carry out oxyacetylene brazing of components	20
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	30
AURVTW004	Carry out tungsten inert gas welding	20
AURVTW005	Carry out spot welding	20
AURVTW006	Carry out thermoplastic welding on vehicle trim components	30
AURVTW007	Carry out oxyacetylene thermal heating and cutting on vehicle body sections	15

AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting	30
AURVTW009	Carry out basic gas metal arc welding	20
AURVTW010	Set up and use welding equipment	35

Mapping Qualifications

The following table provides an overview of the qualifications from Version 3.00 which replace qualifications from the existing version of the AUR12 Automotive Industry Retail, Service and Repair Training Package.

AUR12 Current Qualification				AUR Replacement Qualification		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
AUR10112	Certificate I in Automotive Vocational Preparation	140	E	AUR10116	Certificate I in Automotive Vocational Preparation	140
AUR20112	Certificate II in Automotive Administration	220	E	AUR20116	Certificate II in Automotive Administration	220
AUR20212	Certificate II in Automotive Air Conditioning Technology	316	E	AUR20216	Certificate II in Automotive Air Conditioning Technology	316
AUR20312	Certificate II in Bicycle Mechanical Technology	355	E	AUR20316	Certificate II in Bicycle Mechanical Technology	355
AUR20412	Certificate II in Automotive Electrical Technology	297	E	AUR20416	Certificate II in Automotive Electrical Technology	297
AUR20512	Certificate II in Automotive Servicing Technology	365	E	AUR20516	Certificate II in Automotive Servicing Technology	365
AUR20612	Certificate II in Marine Mechanical Technology	359	E	AUR20616	Certificate II in Marine Mechanical Technology	359
AUR20712	Certificate II in Automotive Vocational Preparation	230	E	AUR20716	Certificate II in Automotive Vocational Preparation	230
AUR20812	Certificate II in Outdoor Power Equipment Technology	286	E	AUR20816	Certificate II in Outdoor Power Equipment Technology	286
AUR20912	Certificate II in Automotive Body Repair Technology	317	E	AUR20916	Certificate II in Automotive Body Repair Technology	317
AUR21012	Certificate II in Motorsport Technology	303	E	AUR21016	Certificate II in Motor Sport Technology	303
AUR21112	Certificate II in Automotive Sales	265	E	AUR21116	Certificate II in Automotive Sales	265
AUR21212	Certificate II in Automotive Underbody Technology	290	E	AUR21216	Certificate II in Automotive Underbody Technology	290
AUR21312	Certificate II in Automotive Braking System Technology	256	E	AUR21316	Certificate II in Automotive Braking System Technology	256
AUR21412	Certificate II in Automotive Cooling System Technology	334	E	AUR21416	Certificate II in Automotive Cooling System Technology	334
AUR21512	Certificate II in Automotive Cylinder Head Reconditioning	400	E	AUR21516	Certificate II in Automotive Cylinder Head Reconditioning	400
AUR21612	Certificate II in Automotive Driveline System Technology	297	E	AUR21616	Certificate II in Automotive Driveline System Technology	297
AUR21712	Certificate II in Automotive Exhaust System Technology	320	E	AUR21716	Certificate II in Automotive Exhaust System Technology	320
AUR21812	Certificate II in Automotive Steering and Suspension System Technology	250	E	AUR21816	Certificate II in Automotive Steering and Suspension System Technology	250
AUR21913	Certificate II in Automotive Tyre Servicing Technology	266	E	AUR21916	Certificate II in Automotive Tyre Servicing Technology	266
AUR30112	Certificate III in Automotive Administration	400	E	AUR30116	Certificate III in Automotive Administration	400
AUR30212	Certificate III in Bicycle Workshop Operations	674	E	AUR30216	Certificate III in Bicycle Workshop Operations	674

AUR30312	Certificate III in Automotive Electrical Technology	940	E	AUR30316	Certificate III in Automotive Electrical Technology	940
AUR30412	Certificate III in Agricultural Mechanical Technology	1020	E	AUR30416	Certificate III in Agricultural Mechanical Technology	1020
AUR30514	Certificate III in Marine Mechanical Technology	840	E	AUR30516	Certificate III in Marine Mechanical Technology	840
AUR30612	Certificate III in Light Vehicle Mechanical Technology	985	E	AUR30616	Certificate III in Light Vehicle Mechanical Technology	985
AUR30713	Certificate III in Outdoor Power Equipment Technology	870	E	AUR30716	Certificate III in Outdoor Power Equipment Technology	870
AUR30812	Certificate III in Motorcycle Mechanical Technology	942	E	AUR30816	Certificate III in Motorcycle Mechanical Technology	942
AUR30912	Certificate III in Motorsport Technology	906	E	AUR30916	Certificate III in Motor Sport Technology	906
AUR31012	Certificate III in Automotive Sales	490	E	AUR31016	Certificate III in Automotive Sales	490
AUR31114	Certificate III in Heavy Commercial Vehicle Mechanical Technology	1095	E	AUR31116	Certificate III in Heavy Commercial Vehicle Mechanical Technology	1095
AUR31212	Certificate III in Mobile Plant Technology	1099	E	AUR31216	Certificate III in Mobile Plant Technology	1099
AUR31312	Certificate III in Automotive Engine Reconditioning	1045	E	AUR31316	Certificate III in Automotive Engine Reconditioning	1045
AUR31412	Certificate III in Automotive Diesel Fuel Technology	591	E	AUR31416	Certificate III in Automotive Diesel Fuel Technology	591
AUR31512	Certificate III in Automotive Diesel Engine Technology	919	E	AUR31516	Certificate III in Automotive Diesel Engine Technology	919
AUR31612	Certificate III in Automotive Drivetrain Technology	667	E	AUR31616	Certificate III in Automotive Drivetrain Technology	667
AUR31712	Certificate III in Forklift Technology	721	E	AUR31716	Certificate III in Forklift Technology	721
AUR31812	Certificate III in Heavy Commercial Trailer Technology	740	E	AUR31816	Certificate III in Heavy Commercial Trailer Technology	740
AUR31912	Certificate III in Elevating Work Platform Technology	851	E	AUR31916	Certificate III in Elevating Work Platform Technology	851
AUR32012	Certificate III in Automotive Alternative Fuel Technology	636	E	AUR32016	Certificate III in Automotive Alternative Fuel Technology	636
AUR32112	Certificate III in Automotive Body Repair Technology	902	E	AUR32116	Certificate III in Automotive Body Repair Technology	902
AUR32212	Certificate III in Automotive Glazing Technology	675	E	AUR32216	Certificate III in Automotive Glazing Technology	675
AUR32312	Certificate III in Automotive and Marine Trimming Technology	900	E	AUR32316	Certificate III in Automotive and Marine Trimming Technology	900
AUR32412	Certificate III in Automotive Refinishing Technology	900	E	AUR32416	Certificate III in Automotive Refinishing Technology	900
AUR32512	Certificate III in Automotive Underbody Technology	612	E	AUR32516	Certificate III in Automotive Underbody Technology	612
AUR32613	Certificate III in Automotive Tyre Management	320	E	AUR32616	Certificate III in Automotive Tyre Management	320
AUR40112	Certificate IV in Automotive Management	340	E	AUR40116	Certificate IV in Automotive Management	340
AUR40212	Certificate IV in Automotive Mechanical Diagnosis	377	E	AUR40216	Certificate IV in Automotive Mechanical Diagnosis	377
AUR40312	Certificate IV in Motorsport Technology	389	E	AUR40316	Certificate IV in Motor Sport Technology	389

AUR40412	Certificate IV in Automotive Performance Enhancement	354	E	AUR40416	Certificate IV in Automotive Performance Enhancement	354
AUR40612	Certificate IV in Automotive Electrical Technology	330	E	AUR40616	Certificate IV in Automotive Electrical Technology	330
AUR40712	Certificate IV in Automotive Body Repair Technology	295	E	AUR40716	Certificate IV in Automotive Body Repair Technology	295
AUR40812	Certificate IV in Automotive Mechanical Overhauling	390	E	AUR40816	Certificate IV in Automotive Mechanical Overhauling	390
AUR50112	Diploma of Automotive Management	500	E	AUR50116	Diploma of Automotive Management	500
AUR50212	Diploma of Automotive Technology	440	E	AUR50216	Diploma of Automotive Technology	440
AUR50312	Diploma of Motorsport Technology	382	E	AUR50316	Diploma of Motor Sport Technology	382

Mapping Units of Competency

The following table provides an overview of the units of competency from Version 3.00 which replace units of competency from the existing version of the AUR12 Automotive Industry Retail, Service and Repair Training Package.

AUR12 Current Unit				AUR Replacement Unit		
National Code	National Title	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
AURAAA2001	Work in an automotive administration environment	20	E	AURAAA001	Work in an automotive administration role	20
AURAAA4002	Determine retail rates for work	32	E	AURAAA002	Determine retail rates for automotive products and services	32
AURACA2001	Establish relations with customers	20	E	AURACA001	Respond to customer needs and enquiries in an automotive workplace	20
AURACA3002	Establish customer requirements of a complex nature	24	E	AURACA002	Manage complex customer requirements in an automotive workplace	24
AURACA3003	Build customer relations	30	E	AURACA003	Build customer relations in an automotive workplace	30
AURAEA1001	Identify environmental requirements in an automotive workplace	16	E	AURAEA001	Identify environmental and sustainability requirements in an automotive service or repair workplace	16
AURAEA2002	Apply environmental and sustainability best practice in an automotive workplace	20	E	AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	20
AURAEA3003	Monitor environmental and sustainability best practice in the automotive mechanical industry	20	E	AURAEA003	Monitor environmental and sustainability best practice in an automotive workplace	20
AURAEA4004	Manage environmental compliance in an automotive workplace	32	E	AURAEA004	Manage environmental and sustainability best practice in an automotive workplace	32
AURAF A2001	Use numbers in an automotive workplace	20	E	AURAF A001	Use numbers in an automotive workplace	20
AURAF A2002	Read in an automotive workplace	12	E	AURAF A002	Read and respond to automotive workplace information	12
AURAF A2003	Communicate effectively in an automotive workplace	20	E	AURAF A003	Communicate effectively in an automotive workplace	20
AURAF A2004	Solve routine problems in an automotive workplace	20	E	AURAF A004	Resolve routine problems in an automotive workplace	20
AURAF A2005	Write routine texts in an automotive workplace	20	E	AURAF A005	Write routine texts in an automotive workplace	20
AURAF A5006	Prepare technical reports	40	E	AURAF A006	Conduct research and present technical reports	40
AURAF A5007	Develop and document specifications and procedures	40	E	AURAF A007	Develop and document specifications and procedures	40
AURAF A3008	Read and apply automotive repair instructions	18	E	AURAF A008	Interpret and apply automotive repair instructions	18
AURAKA2001	Use information technology systems	20	E	AURAKA001	Use information technology systems	20

AURAKA3002	Adapt work processes to new technologies	30	E	AURAKA002	Adapt work processes to new technologies in an automotive workplace	30
AURALA3001	Determine legal aspects of an automotive service and repair contract	30	E	AURALA001	Comply with legal aspects of a service and repair contract in an automotive workplace	30
AURAMA2001	Work effectively with others	20	E	AURAMA001	Work effectively with others in an automotive workplace	20
AURAMA2002	Communicate business information	16	E	AURAMA002	Communicate business information in an automotive workplace	16
AURAMA3003	Conduct information sessions	24	E	AURAMA003	Conduct information sessions in an automotive workplace	24
AURAMA3004	Maintain business image	30	E	AURAMA004	Maintain business image in an automotive workplace	30
AURAMA4005	Manage complex customer issues	32	E	AURAMA005	Manage complex customer issues in an automotive workplace	32
AURAMA5006	Contribute to business improvement	32	E	AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace	32
AURANN4001	Prepare a vehicle repair quotation	32	E	AURANN001	Estimate and quote automotive body repairs	32
AURAQA2001	Contribute to quality work outcomes	20	E	AURAQA001	Contribute to quality work outcomes in an automotive workplace	20
AURAQA3002	Inspect technical quality of work	30	E	AURAQA002	Inspect technical quality of work in an automotive workplace	30
AURAQA3003	Maintain quality systems	30	E	AURAQA003	Maintain quality processes in an automotive workplace	30
AURASA1001	Apply automotive workplace safety fundamentals	10	E	AURASA001	Apply automotive workplace safety fundamentals	10
AURASA2002	Apply safe working practices in an automotive workplace	20	E	AURASA002	Follow safe working practices in an automotive workplace	20
AURATA2001	Identify basic automotive faults using troubleshooting processes	24	E	AURATA001	Identify basic automotive faults using troubleshooting processes	24
AURATA2002	Read and interpret engineering drawings	20	E	AURATA002	Read, interpret and apply engineering drawings	20
AURATA2003	Produce drawings from design concepts	20	E	AURATA003	Produce drawings from design concepts	20
AURATA3004	Provide technical guidance	30	E	AURATA004	Provide technical guidance	30
AURATA3005	Estimate complex jobs	30	E	AURATA005	Estimate and quote automotive mechanical and electrical repairs	30
AURBCA2001	Work in a retail bicycle environment	20	E	AURBCA001	Work in a retail bicycle environment	20
AURBCA2002	Select and adjust bicycle to fit rider	5	E	AURBCA002	Select and adjust bicycles to fit riders	5
AURBTA1001	Remove and tag bicycle components	12	E	AURBTA001	Remove and tag bicycle components	12

AURBTA1002	Adjust bicycles	10	E	AURBTA002	Adjust bicycles and components	10
AURBTA2003	Assemble bicycles	30	E	AURBTA003	Assemble bicycles	30
AURBTA2004	Assemble box bicycles for retail sale	20	E	AURBTA004	Assemble new boxed bicycles for retail sale	20
AURBTA3005	Restore bicycles	30	E	AURBTA005	Restore bicycles	30
AURBTA3006	Identify and select components for custom bicycles	20	E	AURBTA006	Assemble components for custom bicycles	20
AURBTA3007	Provide mechanical support to cycling events	20	E	AURBTA007	Provide mechanical support during cycling events	20
AURBTB2001	Service and repair bicycle mechanical braking systems	20	E	AURBTB001	Service and repair bicycle mechanical braking systems	20
AURBTB2002	Service bicycle hydraulic braking systems	20	E	AURBTB002	Service bicycle hydraulic braking systems	20
AURBTB3003	Repair bicycle hydraulic braking systems	30	E	AURBTB003	Repair and overhaul bicycle hydraulic braking systems	30
AURBTD2001	Service bicycle steering systems	20	E	AURBTD001	Service bicycle steering systems	20
AURBTD2002	Service bicycle suspension systems	20	E	AURBTD002	Service bicycle suspension systems	20
AURBTD3003	Repair and overhaul bicycle steering systems	30	E	AURBTD003	Repair and overhaul bicycle steering systems	30
AURBTD3004	Repair and overhaul bicycle suspension systems	30	E	AURBTD004	Repair and overhaul bicycle suspension systems	30
AURBTJ2001	Remove, repair and fit bicycle tyres	20	E	AURBTJ001	Remove, repair and refit bicycle tyres	20
AURBTJ2002	Service bicycle wheels and hubs	20	E	AURBTJ002	Service bicycle wheels and hubs	20
AURBTJ3003	Design and build bicycle wheels	30	E	AURBTJ003	Design and build bicycle wheels	30
AURBTJ3004	Repair and overhaul bicycle wheels and hubs	20	E	AURBTJ004	Repair and overhaul bicycle wheels and hubs	20
AURBTK2001	Use and maintain specialised bicycle repair tools	10	E	AURBTK001	Maintain specialised bicycle repair tools and equipment	10
AURBTQ2001	Service bicycle drivetrain systems	20	E	AURBTQ001	Service bicycle drivetrain systems	20
AURBTQ3002	Repair bicycle drivetrain systems	30	E	AURBTQ002	Repair and overhaul bicycle drivetrain systems	30
AURBTR3001	Service electric power assist bicycles	20	E	AURBTR001	Service electric power-assisted bicycles	20
			-	AURBTR002	Install and adjust bicycle electronic gear shifters	20
AURBTV2001	Fit and adjust bicycle accessories	20	E	AURBTV001	Remove, refit and adjust bicycle accessories	20
AURBTY3001	Service and repair bicycle frames	30	E	AURBTY001	Repair bicycle frames	30
AURBTY4002	Design and build bicycle frames	30	E	AURBTY002	Design and build bicycle frames	30
AURBTY4003	Assess carbon fibre frames for repair	30	E	AURBTY003	Repair carbon fibre bicycle frames	30
AURETA5001	Analyse and evaluate electrical and electronic faults in electric over-hydraulic systems	36	E	AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems	36

AURETA5002	Analyse and evaluate electrical and electronic faults in safety systems	32	E	AURETA002	Analyse and evaluate electrical and electronic faults in body management systems	32
AURETA5003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems	36	E	AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems	36
AURETA5004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems	36	E	AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems	36
AURETA5005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems	32	E	AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems	32
AURETA5006	Analyse and evaluate electrical and electronic faults in climate-control systems	32	E	AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems	32
AURETB3001	Repair electric braking systems	30	E	AURETB001	Diagnose and repair electric braking systems	30
AURETB5002	Analyse and evaluate electrical and electronic faults in braking systems	32	E	AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems	32
AURETD3001	Service and repair electronically controlled steering systems	30	E	AURETD001	Diagnose and repair electronically controlled steering systems	30
AURETE5001	Analyse and evaluate electrical and electronic faults in engine management systems	36	E	AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems	36
AURETH3001	Depower battery electric vehicles	10	E	AURETH001	Depower and reinitialise battery electric vehicles	10
AURETH3002	Service and maintain battery electric vehicles	20	E	AURETH002	Service and maintain battery electric vehicles	20
AURETH4003	Test and repair high voltage battery systems in battery electric vehicles	30	E	AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicle	30
AURETH4004	Diagnose and repair traction motor speed control device in battery electric vehicles	30	E	AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles	30
AURETH4005	Diagnose and repair high voltage traction motors in battery electric vehicles	50	E	AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles	50
AURETH4006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	40	E	AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	40
AURETH4007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	40	E	AURETH007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	40
AURETH4008	Diagnose and repair high voltage cabin heating and cooling systems in battery electric vehicles	40	E	AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle	40
AURETH4009	Diagnose and repair DC to DC converters in battery electric vehicles	40	E	AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles	40
AURETH4010	Test high voltage batteries in hybrid electric vehicles	15	E	AURETH010	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles	15

AURETH4011	Deactivate and reinitialise power supply in hybrid electric vehicles	20	E	AURETH011	Depower and reinitialise hybrid electric vehicles	20
AURETH4012	Service and maintain electrical components in hybrid electric vehicles	30	E	AURETH012	Service and maintain electrical components in hybrid electric vehicles	30
AURETH5013	Analyse and evaluate electrical and electronic faults in electric and hybrid vehicle systems	36	E	AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems	36
AURETH4014	Diagnose complex faults in battery electric and hybrid electric vehicle systems	45	E	AURETH014	Diagnose complex faults in hybrid and battery electric vehicle network management systems	45
AURETK1001	Identify, select and use low voltage electrical test equipment	10	E	AURETK001	Identify, select and use low voltage electrical test equipment	10
AURETK2002	Use and maintain automotive electrical test equipment	18	E	AURETK002	Use and maintain electrical test equipment in an automotive workplace	18
AURETR1001	Remove and tag automotive electrical system components	22	E	AURETR001	Remove and tag automotive electrical system components	22
AURETR1002	Test, service and maintain battery storage systems	20	E	AURETR002	Inspect heavy vehicle battery storage systems	20
AURETR1003	Apply automotive electrical system fundamentals	10	E	AURETR003	Identify automotive electrical systems and components	10
AURETR4004	Diagnose complex electrical and electronic faults in vehicle convenience and entertainment systems	45	E	AURETR004	Diagnose complex faults in convenience and entertainment systems	45
AURETR2005	Install, test and repair electrical security systems and components	20	E	AURETR005	Install automotive security systems and components	20
AURETR2006	Carry out soldering of electrical wiring and circuits	20	E	AURETR006	Solder electrical wiring and circuits	20
AURETR2007	Demonstrate knowledge of automotive electrical circuits and wiring systems	18	E	AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	18
AURETR2008	Remove and replace electrical units and assemblies	15	E	AURETR008	Remove and replace electrical units and assemblies	15
AURETR2009	Install, test and repair vehicle lighting and wiring systems	20	E	AURETR009	Install vehicle lighting and wiring systems	20
AURETR2010	Fabricate, test and repair wiring harnesses and looms	55	E	AURETR010	Repair wiring harnesses and looms	55
AURETR2011	Install and test basic ancillary electrical components	20	E	AURETR011	Install basic ancillary electrical systems and components	20
AURETR2012	Test and repair basic electrical circuits	30	E	AURETR012	Test and repair basic electrical circuits	30
AURETR2013	Inspect and service charging systems	10	E	AURETR013	Inspect, test and service charging systems	10
AURETR2014	Inspect and service starting systems	10	E	AURETR014	Inspect, test and service starting systems	10
AURETR2015	Inspect and service batteries	20	E	AURETR015	Inspect, test and service batteries	20
AURETR2016	Read and apply vehicle wiring schematics and drawings	10	E	AURETR016	Read and apply vehicle wiring schematics and drawings	10

AURETR3017	Overhaul charging system alternators	40	E	AURETR017	Overhaul charging system alternators	40
AURETR3018	Overhaul starting motors	30	E	AURETR018	Overhaul starting system motors	30
AURETR3019	Inspect, service and repair AC electric motor drive systems	30	E	AURETR019	Inspect, service and repair AC electric motor drive systems	30
AURETR3020	Repair electronic systems	45	E	AURETR020	Diagnose and repair network electronic control systems	45
AURETR3021	Inspect, service and repair electronic management, monitoring and tracking systems	30	E	AURETR021	Inspect, service and repair electronic management, monitoring and tracking systems	30
AURETR3022	Diagnose and repair vehicle dynamic control systems	50	E	AURETR022	Diagnose and repair vehicle dynamic control systems	50
AURETR3023	Diagnose and repair electronic spark ignition engine management systems	55	E	AURETR023	Diagnose and repair spark ignition engine management systems	55
AURETR3024	Diagnose and repair electronic compression ignition engine management systems	45	E	AURETR024	Diagnose and repair compression ignition engine management systems	45
AURETR3025	Test, charge and replace batteries	20	E	AURETR025	Test, charge and replace batteries and jump-start vehicles	20
AURETR3026	Remove, replace and program electrical and electronic units and assemblies	20	E	AURETR026	Remove, replace and program electrical and electronic units and assemblies	20
AURETR3027	Install ancillary electronic control unit systems and components	35	E	AURETR027	Install ancillary electronic systems and components	35
AURETR3028	Diagnose and repair instruments and warning systems	30	E	AURETR028	Diagnose and repair instruments and warning systems	30
AURETR3029	Diagnose and repair charging systems	25	E	AURETR029	Diagnose and repair charging systems	25
AURETR3030	Diagnose and repair starting systems	30	E	AURETR030	Diagnose and repair starting systems	30
AURETR3031	Diagnose and repair ignition systems	30	E	AURETR031	Diagnose and repair ignition systems	30
AURETR3032	Repair electrical systems	44	E	AURETR032	Diagnose and repair automotive electrical systems	44
AURETR5033	Develop and apply electronic systems modification	36	E	AURETR033	Develop and apply network electronic control system modifications	36
AURETR5034	Develop and apply electrical systems modification	36	E	AURETR034	Develop and apply electrical system modifications	36
AURETR2035	Demonstrate knowledge of petrol and diesel engine operation	10	E	AURETR035	Apply knowledge of petrol and diesel engine operation	10
AURETR3036	Service and repair electronically controlled suspension systems	30	E	AURETR036	Diagnose and repair electronically controlled suspension systems	30
AURETR4037	Diagnose complex electrical and electronic faults in light vehicle safety systems	45	E	AURETR037	Diagnose complex faults in light vehicle safety systems	45
AURETR4038	Diagnose complex faults in motorcycle electrical and electronic systems	45	E	AURETR038	Diagnose complex faults in motorcycle electrical and electronic systems	45

AURETR4039	Diagnose complex electrical and electronic faults in light vehicle theft deterrent systems	45	E	AURETR039	Diagnose complex faults in light vehicle theft-deterrent systems	45
AURETR4040	Diagnose complex electrical and electronic faults in vehicle monitoring and protection systems	45	E	AURETR040	Diagnose complex faults in vehicle monitoring and protection systems	45
AURETR2042	Remove, refit and test electrical componentry for operation following body repair activities	20	E	AURETR042	Remove, refit and operate electrical components following body repair activities	20
AURETR3043	Service and repair electronic body management systems	45	E	AURETR043	Diagnose and repair electronic body management systems	45
AURETR3044	Service and repair electronic drive management systems	45	E	AURETR044	Diagnose and repair integrated engine and transmission management systems	45
			-	AURETR045	Inspect, service and repair DC electric motor drive systems	35
AURETU2001	Install air conditioning systems	20	E	AURETU001	Install air conditioning systems	20
AURETU2002	Recover vehicle refrigerants	10	E	AURETU002	Recover vehicle refrigerants	10
AURETU2003	Service air conditioning and HVAC systems	20	E	AURETU003	Service air conditioning and HVAC systems	20
AURETU3004	Diagnose and repair air conditioning and HVAC systems	30	E	AURETU004	Diagnose and repair air conditioning and HVAC systems	30
AURETU3005	Retrofit and modify air conditioning and HVAC systems	30	E	AURETU005	Retrofit and modify air conditioning and HVAC systems	30
AURETU4006	Diagnose complex faults in air conditioning and HVAC systems	45	E	AURETU006	Diagnose complex faults in air conditioning and HVAC systems	45
AURETU4007	Overhaul air conditioning system components	36	E	AURETU007	Overhaul air conditioning and HVAC system compressors	36
AURETX5001	Analyse and evaluate electrical and electronic faults in transmission and driveline systems	36	E	AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems	36
AURHTA1001	Carry out heavy vehicle pre-repair operations	10	E	AURHTA001	Carry out heavy vehicle pre-repair cleaning	10
AURHTA2003	Remove and replace heavy commercial vehicle ancillary components and accessories	18	E	AURHTA003	Remove and replace heavy commercial vehicle ancillary components and accessories	18
AURHTB3001	Repair air braking systems	40	E	AURHTB001	Diagnose and repair heavy vehicle air braking systems	40
AURHTB3002	Diagnose and repair heavy vehicle hydraulic braking systems	30	E	AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems	30
AURHTB4003	Overhaul braking system components (heavy)	36	E	AURHTB003	Overhaul hydraulic and air over hydraulic braking system components	36
AURHTB4004	Overhaul air braking systems and components	40	E	AURHTB004	Overhaul air braking system components	40
AURHTB5005	Analyse and evaluate heavy vehicle braking system faults	36	E	AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems	36

AURHTB4006	Diagnose complex faults in heavy commercial vehicle braking systems	45	E	AURHTB006	Diagnose complex faults in heavy commercial vehicle braking systems	45
AURHTB3007	Diagnose and repair heavy vehicle electronic braking systems	35	E	AURHTB007	Diagnose and repair heavy commercial vehicle electronic braking systems	35
AURHTD2001	Inspect and service heavy commercial vehicle suspension systems	10	E	AURHTD001	Inspect heavy commercial vehicle suspension systems	10
AURHTD3002	Repair steering systems (heavy vehicle)	40	E	AURHTD002	Diagnose and repair heavy commercial vehicle steering systems	40
AURHTD3003	Repair suspension systems (heavy vehicle)	40	E	AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems	40
AURHTD3004	Carry out wheel alignment operations (heavy vehicle)	30	E	AURHTD004	Carry out heavy vehicle wheel alignment operations	30
AURHTD5005	Analyse and evaluate heavy vehicle steering and suspension system faults	36	E	AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems	36
AURHTD4006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	45	E	AURHTD006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	45
AURHTE2001	Remove and install heavy vehicle engine assemblies	24	E	AURHTE001	Remove and install heavy vehicle engine assemblies	24
AURHTE3002	Repair engines and associated engine components (heavy vehicle)	50	E	AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	50
AURHTE4003	Diagnose complex faults in heavy vehicle diesel engines	45	E	AURHTE003	Diagnose complex faults in heavy vehicle diesel engines	45
AURHTE5004	Analyse and evaluate heavy vehicle engine and fuel system faults	36	E	AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems	36
AURHTF2001	Inspect heavy commercial vehicle fuel systems and components	18	E	AURHTF001	Inspect heavy commercial vehicle fuel systems	18
			-	AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	70
AURHTJ1001	Inspect heavy commercial vehicle wheels and tyres	10	E	AURHTJ001	Inspect heavy commercial vehicle wheels and tyres	10
AURHTJ2002	Select heavy vehicle tyres and rims for specific applications	25	E	AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications	25
AURHTJ2003	Remove, inspect, and refit heavy vehicle wheel assemblies	20	E	AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies	20
AURHTJ2004	Demount, inspect, repair and mount agricultural equipment tyres and tubes	35	E	AURHTJ004	Remove, inspect, repair and refit agricultural equipment tyres and tubes	35
AURHTJ3005	Identify and apply pneumatic wheeled traction performance enhancement systems (heavy vehicle)	30	E	AURHTJ005	Identify and apply heavy vehicle pneumatic wheeled traction performance enhancement systems	30

AURHTJ2006	Remove, inspect, repair and fit tyres and tubes (heavy)	20	E	AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes	20
AURHTL4001	Inspect, repair and diagnose alternative fuel systems for heavy vehicle engines	60	E	AURHTL001	Inspect, diagnose and repair alternative fuel systems in heavy vehicle engines	60
AURHTQ2001	Inspect heavy commercial vehicle driveline components	5	E	AURHTQ001	Inspect heavy commercial vehicle driveline components	5
AURHTQ3002	Repair final drive assemblies (heavy vehicle)	30	E	AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies	30
AURHTQ3003	Repair final drive - driveline (heavy vehicle)	30	E	AURHTQ003	Diagnose and repair heavy vehicle drive shafts	30
AURHTR3005	Diagnose and repair heavy trailer electronically controlled roll stability systems	20	E	AURHTR005	Diagnose and repair heavy commercial trailer electronically controlled roll stability systems	20
AURHTX3001	Repair transmissions - manual (heavy vehicle)	40	E	AURHTX001	Diagnose and repair heavy vehicle manual transmissions	40
AURHTX3002	Inspect, test and replace transmissions - automatic (heavy vehicle)	70	E	AURHTX002	Inspect, test and replace heavy vehicle automatic transmissions	70
AURHTX3003	Repair transmissions - automatic (heavy vehicle)	30	E	AURHTX003	Diagnose and repair heavy vehicle automatic transmissions	30
AURHTX3004	Diagnose and repair heavy vehicle clutch systems	30	E	AURHTX004	Diagnose and repair heavy vehicle clutch systems	30
AURHTX5005	Analyse and evaluate heavy vehicle transmission system faults	36	E	AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems	36
AURHTX4006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	45	E	AURHTX006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	45
AURHTY2001	Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes	5	E	AURHTY001	Inspect and service mechanical connections of heavy vehicles and trailers over 4.5 tonnes	5
AURHTY3002	Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes	10	E	AURHTY002	Diagnose and repair mechanical connections of heavy vehicles and trailers over 4.5 tonnes	10
AURHTZ3001	Diagnose and repair heavy vehicle emission control systems	30	E	AURHTZ001	Diagnose and repair heavy vehicle emission control systems	30
AURJTA1001	Perform minor adjustments to motorcycles	10	E	AURJTA001	Carry out minor adjustments to motorcycles	10
AURJTA1002	Remove and replace motorcycle components and accessories	10	E	AURJTA002	Remove and replace motorcycle components and accessories	10
AURJTA5003	Analyse and evaluate motorcycle engine and transmission system faults	36	E	AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems	36
AURJTB3001	Diagnose and repair motorcycle braking systems	35	E	AURJTB001	Diagnose and repair motorcycle braking systems	35
AURJTB5002	Analyse and evaluate motorcycle braking system faults	36	E	AURJTB002	Analyse and evaluate faults in motorcycle braking systems	36

AURJTD2001	Inspect and service motorcycle suspension systems	10	E	AURJTD001	Inspect motorcycle suspension systems	10
AURJTD2002	Inspect and service motorcycle steering systems	10	E	AURJTD002	Inspect motorcycle steering systems	10
AURJTD3003	Diagnose and repair motorcycle suspension systems	25	E	AURJTD003	Diagnose and repair motorcycle suspension systems	25
AURJTD3004	Diagnose and repair motorcycle steering systems	25	E	AURJTD004	Diagnose and repair motorcycle steering systems	25
AURJTD4005	Diagnose complex faults in motorcycle steering and suspension systems	45	E	AURJTD005	Diagnose complex faults in motorcycle steering and suspension systems	45
AURJTD5006	Analyse and evaluate motorcycle steering, suspension and frame system faults	36	E	AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems	36
AURJTE3001	Diagnose and repair motorcycle engines	55	E	AURJTE001	Diagnose and repair motorcycle engines	55
AURJTE4002	Diagnose complex faults in motorcycle engine and transmission systems	45	E	AURJTE002	Diagnose complex faults in motorcycle engine and transmission systems	45
AURJTJ2001	Remove, inspect and fit motorcycle wheel assemblies	18	E	AURJTJ001	Remove, inspect and refit motorcycle wheel and tyre assemblies	18
			-	AURJTJ002	Remove, inspect, repair and refit motorcycle tyres and tubes	35
			-	AURJTJ003	Remove and refit motorcycle wheel and tyre assemblies	10
AURJTQ2001	Inspect and service motorcycle driveline systems	5	E	AURJTQ001	Inspect and service motorcycle driveline systems	5
AURJTQ3002	Diagnose and repair motorcycle driveline systems	20	E	AURJTQ002	Diagnose and repair motorcycle driveline systems	20
AURJTR5001	Analyse and evaluate motorcycle electrical and electronic system faults	36	E	AURJTR001	Analyse and evaluate faults in motorcycle electrical and electronic systems	36
AURJTX3001	Diagnose and repair motorcycle clutch systems	30	E	AURJTX001	Diagnose and repair motorcycle clutch systems	30
AURJTX3002	Diagnose and repair motorcycle manual transmissions	35	E	AURJTX002	Diagnose and repair motorcycle manual transmissions	35
AURJTX3003	Diagnose and repair motorcycle automatic transmissions	45	E	AURJTX003	Diagnose and repair motorcycle automatic transmissions	45
AURJTY3001	Repair and align motorcycle frames	20	E	AURJTY001	Repair and align motorcycle frames	20
AURKTA3001	Synchronise plant and equipment	30	E	AURKTA001	Synchronise plant and equipment	30
AURKTA3002	Inspect, service and repair harvesting equipment	20	E	AURKTA002	Inspect, service and repair crop harvesting equipment	20
AURKTA3003	Inspect, service and repair crop planting and seeding equipment	20	E	AURKTA003	Inspect, service and repair crop planting and seeding equipment	20
AURKTA3004	Inspect, service and repair spraying and spreading equipment	20	E	AURKTA004	Inspect, service and repair spraying and spreading equipment	20
AURKTA3005	Inspect, service and repair tracked type drive and support	30	E	AURKTA005	Inspect, service and repair track type drive and support	30

	systems				systems	
AURKTA5006	Analyse and evaluate tracked mobile plant transmission, steering and braking systems faults	36	E	AURKTA006	Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems	36
AURKTA5007	Analyse and evaluate mobile plant hydraulic system faults	36	E	AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems	36
AURKTA4009	Diagnose complex faults in mobile plant hydraulic systems	45	E	AURKTA009	Diagnose complex faults in mobile plant hydraulic systems	45
			-	AURKTA010	Inspect, service and repair hay cutting, raking and baling equipment	35
			-	AURKTA011	Diagnose and repair mobile plant hydraulic systems	55
AURKTB3001	Diagnose and repair mobile plant braking systems	40	E	AURKTB001	Diagnose and repair mobile plant braking systems	40
AURKTB5002	Analyse and evaluate wheeled mobile plant braking system faults	36	E	AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems	36
AURKTB4003	Diagnose complex faults in mobile plant braking systems	45	E	AURKTB003	Diagnose complex faults in mobile plant braking systems	45
AURKTD3001	Diagnose and repair mobile plant suspension systems	35	E	AURKTD001	Diagnose and repair mobile plant suspension systems	35
AURKTD3002	Diagnose and repair mobile plant steering systems	35	E	AURKTD002	Diagnose and repair mobile plant steering systems	35
AURKTD5003	Analyse and evaluate wheeled mobile plant steering and suspension system faults	36	E	AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems	36
AURKTD5004	Analyse and evaluate tracked mobile plant undercarriage and suspension system faults	36	E	AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems	36
AURKTD4005	Diagnose complex faults in mobile plant steering and suspension systems	45	E	AURKTD005	Diagnose complex faults in mobile plant steering and suspension systems	45
AURKTE5001	Analyse and evaluate mobile plant engine and fuel system faults	36	E	AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems	36
AURKTQ3001	Diagnose and repair mobile plant final drive assemblies	30	E	AURKTQ001	Diagnose and repair mobile plant final drive assemblies	30
AURKTR3001	Diagnose and repair electric-over-hydraulic control systems	35	E	AURKTR001	Diagnose and repair electronic over hydraulic control systems	35
AURKTX3001	Diagnose and repair powershift transmissions	50	E	AURKTX001	Diagnose and repair powershift transmissions	50
AURKTX5002	Analyse and evaluate wheeled mobile plant transmission system faults	36	E	AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems	36
AURKTX4003	Diagnose complex faults in mobile plant transmission systems	45	E	AURKTX003	Diagnose complex faults in mobile plant transmission and driveline systems	45
			-	AURKTX004	Diagnose and repair continuously variable transmissions	55

AURLLD3001	Determine compliance of steering and suspension modifications	30	E	AURLLD001	Determine compliance of steering and suspension modifications	30
AURLTA1001	Apply automotive mechanical system fundamentals	15	E	AURLTA001	Identify automotive mechanical systems and components	15
AURLTB4001	Overhaul braking system components (light)	32	E	AURLTB001	Overhaul light vehicle braking system components	32
AURLTB5002	Analyse and evaluate light vehicle braking system faults	36	E	AURLTB002	Analyse and evaluate faults in light vehicle braking systems	36
AURLTB3003	Diagnose and repair light vehicle hydraulic braking systems	30	E	AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	30
AURLTB4004	Diagnose complex faults in light vehicle braking systems	45	E	AURLTB004	Diagnose complex faults in light vehicle braking systems	45
AURLTD3001	Select and install performance enhanced suspension system products	30	E	AURLTD001	Select and install performance enhanced suspension system products	30
AURLTD3002	Service and rectify faults in lift assisted suspension systems	30	E	AURLTD002	Service and repair light vehicle lift assisted suspension systems	30
AURLTD3003	Reset steering system alignment adjustments to customer specifications	30	E	AURLTD003	Reset steering system alignment adjustments to customer specifications	30
AURLTD3004	Repair steering systems (light vehicle)	30	E	AURLTD004	Diagnose and repair light vehicle steering systems	30
AURLTD3005	Repair suspension systems (light vehicle)	30	E	AURLTD005	Diagnose and repair light vehicle suspension systems	30
AURLTD3006	Carry out wheel alignment operations (light vehicle)	30	E	AURLTD006	Carry out light vehicle wheel alignment operations	30
AURLTD5007	Analyse and evaluate light vehicle steering and suspension system faults	36	E	AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems	36
AURLTD4009	Diagnose complex faults in light vehicle steering and suspension systems	45	E	AURLTD009	Diagnose complex faults in light vehicle steering and suspension systems	45
AURLTE2001	Remove and install light vehicle engine assemblies	24	E	AURLTE001	Remove and install light vehicle engine assemblies	24
AURLTE3002	Repair engines and associated engine components (light vehicle)	50	E	AURLTE002	Diagnose and repair light vehicle engines	50
AURLTE5003	Analyse and evaluate light vehicle engine and fuel system faults	36	E	AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems	36
AURLTE4004	Diagnose complex faults in light vehicle petrol engines	45	E	AURLTE004	Diagnose complex faults in light vehicle petrol engines	45
AURLTE4005	Diagnose complex faults in light vehicle diesel engines	45	E	AURLTE005	Diagnose complex faults in light vehicle diesel engines	45
AURLTF3001	Diagnose and repair mechanical fuel injection systems	30	E	AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	30
			-	AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems	45

AURLTJ2001	Select tyres and rims for specific applications (light)	20	E	AURLTJ001	Select light vehicle tyres and wheels for specific applications	20
AURLTJ2002	Remove, inspect, repair and fit tyres and tubes (light)	12	E	AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	12
AURLTJ2003	Remove, inspect, and refit light vehicle wheel assemblies	20	E	AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies	20
AURLTJ3004	Provide advice on the effects of wheel and tyre combinations	10	E	AURLTJ004	Provide advice on the effects of wheel and tyre combinations	10
AURLTQ3001	Repair final drive assemblies (light vehicle)	30	E	AURLTQ001	Diagnose and repair light vehicle final drive assemblies	30
AURLTQ3002	Repair final drive - driveline (light vehicle)	20	E	AURLTQ002	Diagnose and repair light vehicle drive shafts	20
AURLTQ5003	Analyse and evaluate light vehicle driveline system faults	36	E	AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems	36
AURLTX3001	Repair transmissions - manual (light vehicle)	30	E	AURLTX001	Diagnose and repair light vehicle manual transmissions	30
AURLTX3002	Repair transmissions - automatic (light vehicle)	30	E	AURLTX002	Diagnose and repair light vehicle automatic transmissions	30
AURLTX3003	Diagnose and repair light vehicle clutch systems	30	E	AURLTX003	Diagnose and repair light vehicle clutch systems	30
AURLTX4004	Diagnose complex faults in light vehicle transmission and driveline systems	45	E	AURLTX004	Diagnose complex faults in light vehicle automatic transmission and driveline systems	45
AURLTZ3001	Diagnose and repair light vehicle emission control systems	30	E	AURLTZ001	Diagnose and repair light vehicle emission control systems	30
AURMBA2001	Transport a light competition vehicle and support equipment	10	E	AURMBA001	Transport light competition vehicles and support equipment	10
AURMBA3002	Load and unload a competition vehicle and support equipment	18	E	AURMBA002	Load and unload competition vehicles and support equipment	18
AURMCA5001	Manage motorsport team media liaison	40	E	AURMCA001	Manage motor sport team media liaison	40
AURMCA5002	Manage motorsport team promotional partnerships and marketing	40	E	AURMCA002	Manage motor sport team promotional partnerships and marketing	40
AURMDA2001	Develop and update motorsport industry knowledge	10	E	AURMDA001	Develop and update motor sport industry knowledge	10
AURMDA2002	Assist with motorsport officiating duties	5	E	AURMDA002	Assist with officiating duties at motor sport events	5
AURMDA3004	Recover a motorsport vehicle	10	E	AURMDA004	Recover vehicles at motor sport events	10
AURMDA3005	Act as a marshal in a motorsport event	15	E	AURMDA005	Act as a marshal at motor sport events	15
AURMDA3006	Communicate using flags and signals in a motorsport event	5	E	AURMDA006	Communicate using flags and signals at motor sport events	5
AURMDA3007	Act as a steward in a motorsport event	20	E	AURMDA007	Act as a steward at motor sport events	20

AURMGA2001	Set up and dismantle temporary work location and equipment	16	E	AURMGA001	Set up and dismantle temporary work location and equipment at motor sport events	16
AURMGA4002	Manage personal presentation and development	32	E	AURMGA002	Manage personal presentation and development in a motor sport environment	32
AURMKA4001	Manage motorsport data	40	E	AURMKA001	Manage motor sport data	40
AURMLA2001	Comply with motorsport rules and regulations when officiating	10	E	AURMLA001	Apply motor sport rules and regulations when officiating	10
AURMLA3002	Monitor compliance with motorsport rules and regulations	15	E	AURMLA002	Monitor motor sport official and volunteer application of rules and regulations	15
AURMLA3003	Inspect motorsport vehicles and equipment for compliance	20	E	AURMLA003	Inspect vehicles and equipment at motor sport events for compliance	20
AURMMA2001	Operate in a motorsport environment	20	E	AURMMA001	Operate in a motor sport environment	20
AURMMA4002	Manage the preparation of a competition vehicle	40	E	AURMMA002	Manage the preparation of motor sport competition vehicles	40
AURMMA5003	Manage motorsport operations	50	E	AURMMA003	Manage motor sport operations	50
AURMMA5004	Manage motorsport team development	40	E	AURMMA004	Manage motor sport team development	40
AURMMA5005	Manage team pit lane and service area operations	40	E	AURMMA005	Manage team pit lane and service area operations at motor sport events	40
AURMMA5006	Prepare and implement race strategies	50	E	AURMMA006	Develop and implement race strategies for motor sport events	50
AURMMA3007	Follow motorsport event and team safety requirements	20	E	AURMMA007	Follow motor sport event and team safety requirements	20
AURMMA3008	Coordinate operations of a motorsport team	30	E	AURMMA008	Coordinate operations of a motor sport team	30
AURMSA2001	Follow motorsport safety and risk management procedures	10	E	AURMSA001	Follow motor sport safety and risk management procedures	10
AURMSA3002	Implement and monitor safety and risk management in a motorsport environment	20	E	AURMSA002	Implement and monitor safety and risk management in a motor sport environment	20
AURMTA2001	Prepare and service a light competition vehicle	20	E	AURMTA001	Prepare and service light competition vehicles	20
AURMTA3002	Assemble and prepare a competition vehicle	24	E	AURMTA002	Assemble and prepare competition vehicles for motor sport events	24
AURMTA5003	Determine material suitability for competition vehicle components	40	E	AURMTA003	Determine material suitability for competition vehicle components	40
AURMTA3004	Perform competition vehicle preparation procedures at an event	18	E	AURMTA004	Prepare competition vehicles at motor sport events	18
AURMTA3005	Perform pit lane and service area operations	16	E	AURMTA005	Perform pit lane and service area operations at motor sport events	16

AURMTA3006	Perform torquing and fastening	18	E	AURMTA006	Perform torquing and fastening on motor sport competition vehicles	18
AURMTA3007	Conduct non-destructive testing	30	E	AURMTA007	Conduct non-destructive testing	30
AURMTA5008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles	50	E	AURMTA008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles	50
AURMTA3009	Collect and log motorsport data	20	E	AURMTA009	Collect and log motor sport data	20
AURMTD4001	Test suspension dampers using a dynamometer	32	E	AURMTD001	Test suspension dampers using a dynamometer	32
AURMTD4002	Prepare competition vehicle suspension	32	E	AURMTD002	Prepare competition vehicle suspension	32
AURMTE4001	Test engines using a dynamometer	32	E	AURMTE001	Test engines using a dynamometer	32
AURMTF4001	Analyse and repair complex performance carburetted fuel systems	36	E	AURMTF001	Analyse and repair performance carburetted fuel systems	36
AURMTF4002	Analyse and repair performance fuel injection systems	36	E	AURMTF002	Analyse and repair performance fuel injection systems	36
AURMTJ4001	Select and prepare tyres and wheels for motorsport applications	26	E	AURMTJ001	Select and prepare motor sport competition vehicle tyres and wheels	26
AURMTQ4001	Analyse and repair complex performance driveline systems	36	E	AURMTQ001	Analyse and repair faults in performance driveline systems	36
AURMTS3001	Construct hose and pipe assemblies for competition vehicles	20	E	AURMTS001	Construct hose and pipe assemblies for competition vehicles	20
AURNTA3001	Inspect, service and repair lift truck mast assemblies	30	E	AURNTA001	Inspect, service and repair forklift mast assemblies	30
			-	AURNTB001	Diagnose and repair forklift hydraulic braking systems	35
			-	AURNTD001	Diagnose and repair forklift hydrostatic steering systems	35
AURPTA1001	Carry out pre-repair operations to outdoor power equipment	5	E	AURPTA001	Carry out pre-repair operations to outdoor power equipment	5
AURPTA1002	Perform minor adjustments to outdoor power equipment	10	E	AURPTA002	Carry out minor adjustments to outdoor power equipment	10
AURPTA2003	Service and repair rotary cutting systems	16	E	AURPTA003	Service and repair rotary cutting systems	16
AURPTA2004	Service and repair drum cutting systems	20	E	AURPTA004	Service and repair drum cutting systems	20
AURPTA2005	Service and repair chainsaw cutting systems	20	E	AURPTA005	Service and repair chainsaw cutting systems	20
AURPTA2006	Service line trimming systems and components	8	E	AURPTA006	Inspect and service line trimming systems and components	8
AURPTA2007	Service and repair post-boring systems	16	E	AURPTA007	Service and repair post boring systems	16
AURPTA2008	Service and repair post-hole digging systems	16	E	AURPTA008	Service and repair post hole digging systems	16

AURPTA2009	Service and repair reciprocating cutting systems	16	E	AURPTA009	Service and repair reciprocating cutting systems	16
AURPTA2010	Service pumping systems	20	E	AURPTA010	Inspect and service pumping systems	20
AURPTA3011	Repair pumping systems	30	E	AURPTA011	Diagnose and repair pumping systems	30
AURPTE2002	Service engines and engine components (outdoor power equipment)	20	E	AURPTE002	Inspect and service outdoor power equipment engines	20
AURPTE3003	Repair engines and engine components (outdoor power equipment)	26	E	AURPTE003	Diagnose and repair outdoor power equipment engines	26
AURPTE4004	Overhaul engines and engine components (outdoor power equipment)	32	E	AURPTE004	Overhaul outdoor power equipment engines	32
AURPTR3001	Test and service 240V portable generators	10	E	AURPTR001	Test and service 240 volt portable generators	10
AURPTR2002	Test and service outdoor electric powered equipment	20	E	AURPTR002	Test and service electric outdoor power equipment	20
			-	AURPTR003	Service and repair outdoor power equipment engine management systems	35
AURRGA3001	Launch and recover a vessel using a trailer	20	E	AURRGA001	Launch and recover vessels using a trailer	20
AURRGA3002	Launch and recover a vessel from crane, gantry and forklift	26	E	AURRGA002	Use cranes, gantries and forklifts to launch and recover vessels	26
AURRGA3003	Moor a motor-driven vessel	22	E	AURRGA003	Moor motor-driven vessels	22
AURRTA2001	Service deck, hull and cabin equipment	20	E	AURRTA001	Inspect and service deck, hull and cabin equipment	20
AURRTA3003	Winterise vessel and engine systems	25	E	AURRTA003	Winterise vessels and engine systems	25
AURRTA3006	Water test a vessel	16	E	AURRTA006	Water test vessels	16
AURRTA5007	Analyse and evaluate light marine hydraulic system faults	36	E	AURRTA007	Analyse and evaluate faults in light marine hydraulic systems	36
AURRTA5008	Analyse and evaluate light marine hull performance and stability system faults	36	E	AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems	36
			-	AURRTA009	Recommission vessels and engine systems	35
			-	AURRTC001	Diagnose and repair marine exhaust and cooling systems	25
AURRTD3001	Diagnose and repair marine steering systems	24	E	AURRTD001	Diagnose and repair marine steering systems	24
AURRTE1001	Prepare outboard engines for wet-run testing	10	E	AURRTE001	Carry out wet run tests on vessel outboard engines	10
AURRTE2002	Service outboard engines and components	20	E	AURRTE002	Inspect and service marine outboard engines	20
AURRTE2003	Service inboard engines and components	20	E	AURRTE003	Inspect and service marine inboard engines	20
AURRTE3006	Diagnose and repair outboard engines and components	40	E	AURRTE006	Diagnose and repair marine outboard engines	40

AURRTE3007	Diagnose and repair inboard engines and components	40	E	AURRTE007	Diagnose and repair marine inboard engines	40
AURRTE3008	Install marine engines, controls and instruments	30	E	AURRTE008	Install marine engines, controls and instruments	30
AURRTE3010	Water test engines in tanks	16	E	AURRTE010	Test marine engines in water tanks	16
AURRTE4011	Overhaul two and four cycle outboard engines	40	E	AURRTE011	Overhaul two and four-stroke cycle marine outboard engines	40
AURRTE5012	Analyse and evaluate light marine engine and powerhead system faults	36	E	AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems	36
AURRTQ2001	Service inboard propeller drive systems	30	E	AURRTQ001	Inspect and service marine inboard propeller drive systems	30
AURRTQ2002	Service jet drive propulsion systems	20	E	AURRTQ002	Inspect and service marine jet drive propulsion systems	20
AURRTQ3004	Diagnose and repair inboard propeller drive systems	30	E	AURRTQ004	Diagnose and repair marine inboard propeller drive systems	30
AURRTQ3005	Install jet drive propulsion systems	30	E	AURRTQ005	Install marine jet drive propulsion systems	30
AURRTQ3006	Diagnose and repair jet drive propulsion systems	25	E	AURRTQ006	Diagnose and repair marine jet drive propulsion systems	25
AURRTR1001	Inspect, service and maintain marine battery storage systems	10	E	AURRTR001	Inspect, service and maintain marine battery storage systems	10
AURRTR3003	Test, diagnose and repair marine electronic systems and components	30	E	AURRTR006	Diagnose and repair marine electrical systems	30
AURRTE3005	Diagnose and repair marine electrical systems and components	30	E	AURRTR006	Diagnose and repair marine electrical systems	30
AURRTR3004	Install marine electrical systems and components	30	E	AURRTR007	Install marine electrical systems and components	15
AURRTR3002	Install marine electronic systems and components	50	E	AURRTR007	Install marine electrical systems and components	15
AURRTX2001	Service marine outboard and stern drive transmissions	20	E	AURRTX001	Inspect and service marine outboard and stern drive transmissions	20
AURRTX2002	Service marine inboard transmissions	16	E	AURRTX002	Inspect and service marine inboard transmissions	16
AURRTX3003	Diagnose and repair marine outboard and stern drive transmissions	30	E	AURRTX003	Diagnose and repair marine outboard and stern drive transmissions	30
AURRTX3004	Diagnose and repair marine inboard transmissions	30	E	AURRTX004	Diagnose and repair marine inboard transmissions	30
AURRTX5005	Analyse and evaluate light marine transmission system faults	36	E	AURRTX005	Analyse and evaluate faults in light marine transmission systems	36
AURSAA2001	Process customer complaints	16	E	AURSAA001	Process customer complaints in an automotive workplace	16
AURSAA2002	Maintain customer aftermarket relations	15	E	AURSAA002	Maintain customer aftermarket relations	15

AURSA2001	Carry out warehousing procedures	16	E	AURSA001	Carry out warehousing procedures in an automotive workplace	16
AURSA3002	Apply automotive parts interpretation process	30	E	AURSA002	Identify and match uncommon automotive parts	30
AURSCA2001	Select automotive parts and products	20	E	AURSCA001	Select and supply automotive parts and products	20
AURSCA2002	Present stock and sales area	16	E	AURSCA002	Present automotive products and services for sale	16
AURSCA2003	Apply sales procedures	16	E	AURSCA003	Apply sales procedures in an automotive workplace	16
AURSCA2004	Carry out cash, credit and funds transfers	20	E	AURSCA004	Carry out cash and non-cash payment operations	20
AURSCA2005	Sell products	20	E	AURSCA005	Sell automotive products and services	20
AURSCA2006	Promote products and services	20	E	AURSCA006	Promote automotive products and services	20
AURSCA3007	Determine used motor vehicle stock requirements	24	E	AURSCA007	Determine used motor vehicle stock requirements	24
AURSCA3008	Wholesale used motor vehicle stock	30	E	AURSCA008	Wholesale used motor vehicle stock	30
AURSCA3009	Provide vehicle technology information	15	E	AURSCA009	Provide vehicle technology information	15
AURSCA3010	Appraise and purchase used motor vehicles to supplement stock for sale	30	E	AURSCA010	Appraise and purchase used motor vehicles for sale	30
			-	AURSCA011	Conduct online transactions in an automotive workplace	35
AURSCP2001	Provide information to customers on automotive refinishing products	12	E	AURSCP001	Provide information to customers on automotive refinishing products	12
AURSLA2001	Apply legal requirements relating to product sale	20	E	AURSLA001	Comply with legal requirements when selling automotive products and services	20
AURTTA3001	Drive and manoeuvre trailers	30	E	AURTTA001	Drive and manoeuvre trailers	30
AURTNA5001	Estimate and calculate costs to repair, maintain or modify a vehicle	36	E	AURTNA001	Estimate and quote automotive vehicle or machinery modifications	36
AURTTA1001	Remove and tag steering, suspension and brake system components	16	E	AURTTA001	Remove and tag steering, suspension and braking system components	16
AURTTA1002	Carry out workshop practice activities	36	E	AURTTA002	Assist with automotive workplace activities	36
AURTTA1003	Use and maintain basic measuring devices	16	E	AURTTA003	Use and maintain basic mechanical measuring devices	16
AURTTA2004	Carry out servicing operations	40	E	AURTTA004	Carry out servicing operations	40
AURTTA2005	Select and use bearings, seals, gaskets, sealants and adhesives	20	E	AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	20
AURTTA2006	Service hydraulic systems	30	E	AURTTA006	Inspect and service hydraulic systems	30
AURTTA2007	Inspect, service and repair pneumatic systems	20	E	AURTTA007	Inspect, service and repair pneumatic systems	20

AURTTA2008	Produce patterns and templates	20	E	AURTTA008	Produce patterns and templates	20
AURTTA2009	Carry out pre-repair operations (mechanical)	20	E	AURTTA009	Carry out mechanical pre-repair operations	20
AURTTA2010	Service and repair trailers up to 4.5 tonnes	20	E	AURTTA010	Service and repair trailers up to 4.5 tonnes	20
AURTTA3011	Install hydraulic systems to specified applications	30	E	AURTTA011	Install hydraulic systems to specified applications	30
AURTTA3012	Manufacture and install fluid power hose assemblies	30	E	AURTTA012	Fabricate and install fluid power hose assemblies	30
AURTTA3013	Repair hydraulic systems	40	E	AURTTA013	Diagnose and repair hydraulic systems	40
AURTTA3014	Assemble and install pneumatic systems and components	30	E	AURTTA014	Assemble and install pneumatic system components	30
AURTTA3015	Prepare engineering drawings	30	E	AURTTA015	Produce engineering drawings for vehicle components	30
AURTTA3017	Carry out vehicle safety and roadworthy inspections	16	E	AURTTA017	Carry out vehicle safety inspections	16
AURTTA3018	Carry out diagnostic procedures	30	E	AURTTA018	Carry out diagnostic procedures	30
AURTTA3020	Apply heat-induction processes	15	E	AURTTA020	Apply heat induction processes	15
AURTTA4021	Carry out diagnosis of complex system faults	40	E	AURTTA021	Diagnose complex system faults	40
AURTTA5022	Develop and apply mechanical system modifications	40	E	AURTTA022	Develop and apply mechanical system modifications	40
AURTTA5023	Develop and apply hydraulic system modifications	40	E	AURTTA023	Develop and apply hydraulic system modifications	40
AURTTA5024	Develop and apply pneumatic system modifications	40	E	AURTTA024	Develop and apply pneumatic system modifications	40
AURTTA4025	Diagnose complex faults in vehicle integrated stability control systems	45	E	AURTTA025	Diagnose complex faults in vehicle integrated stability control systems	45
AURTTA4026	Diagnose complex faults in vehicle electric-over-hydraulic systems	45	E	AURTTA026	Diagnose complex faults in electronic over hydraulic systems	45
AURTTB2001	Inspect and service braking systems	20	E	AURTTB001	Inspect and service braking systems	20
AURTTB2002	Attach friction materials and radius grind	20	E	AURTTB002	Attach friction materials and radius grind	20
AURTTB2003	Machine brake drums and brake disc rotors	16	E	AURTTB003	Machine brake drums and brake disc rotors	16
AURTTB2004	Inspect and service air braking systems	20	E	AURTTB004	Inspect and service air braking systems	20
AURTTB3005	Assemble and fit braking systems and components	30	E	AURTTB005	Assemble and fit braking system components	30
AURTTB3006	Inspect, service and repair auxiliary braking systems	30	E	AURTTB006	Inspect, service and repair auxiliary braking systems	30
AURTTTC2001	Inspect and service cooling systems	20	E	AURTTTC001	Inspect and service cooling systems	20
AURTTTC2002	Carry out radiator repairs	20	E	AURTTTC002	Repair radiators	20
AURTTTC3003	Diagnose and repair cooling systems	20	E	AURTTTC003	Diagnose and repair cooling systems	20

AURTTD2001	Inspect steering systems	20	E	AURTTD001	Inspect steering systems	20
AURTTD2002	Inspect and service steering systems	20	E	AURTTD002	Inspect and service steering systems	20
AURTTD2003	Inspect suspension systems	16	E	AURTTD003	Inspect suspension systems	16
AURTTD2004	Inspect and service suspension systems	20	E	AURTTD004	Inspect and service suspension systems	20
AURTTD4005	Overhaul steering system components	36	E	AURTTD005	Overhaul steering system components	36
AURTTE3001	Apply knowledge of engine science	40	E	AURTTE001	Apply knowledge of engine science	40
AURTTE1003	Remove and tag engine system components	22	E	AURTTE003	Remove and tag engine system components	22
AURTTE2004	Inspect and service engines	20	E	AURTTE004	Inspect and service engines	20
AURTTE4005	Overhaul engines and associated engine components	60	E	AURTTE005	Overhaul engines	60
AURTTF2001	Service petrol fuel systems	20	E	AURTTF001	Inspect and service petrol fuel systems	20
AURTTF2002	Service diesel fuel injection systems	16	E	AURTTF002	Inspect and service diesel fuel injection systems	16
AURTTF4003	Overhaul diesel fuel injection systems	36	E	AURTTF003	Overhaul diesel fuel injection system components	36
AURTTF3005	Inspect and repair engine forced induction systems	24	E	AURTTF005	Diagnose and repair engine forced-induction systems	24
AURTTF3006	Diagnose and repair petrol carburettor systems	30	E	AURTTF006	Diagnose and repair petrol carburettor systems	30
AURTTF4007	Overhaul petrol fuel system components	32	E	AURTTF007	Overhaul carburettor fuel system components	32
AURTTJ2001	Balance wheels and tyres	10	E	AURTTJ001	Balance wheels and tyres	10
AURTTJ2002	Remove and refit wheel hubs and associated brake components	20	E	AURTTJ002	Remove, inspect and refit wheel hubs and associated brake components	20
AURTTK2001	Use and maintain measuring equipment in an automotive workplace	16	E	AURTTK001	Use and maintain measuring equipment in an automotive workplace	16
AURTTK2002	Use and maintain workplace tools and equipment	20	E	AURTTK002	Use and maintain tools and equipment in an automotive workplace	20
AURTTL3001	Service CNG fuel systems	30	E	AURTTL001	Inspect and service CNG fuel systems	30
AURTTL3002	Diagnose and repair CNG fuel systems	31	E	AURTTL002	Diagnose and repair CNG fuel systems	31
AURTTL3003	Install CNG fuel systems	30	E	AURTTL003	Install CNG fuel systems	30
AURTTL3004	Service LNG fuel systems	30	E	AURTTL004	Inspect and service LNG fuel systems	30
AURTTL3005	Diagnose and repair LNG fuel systems	31	E	AURTTL005	Diagnose and repair LNG fuel systems	31
AURTTL3006	Install LNG fuel systems	30	E	AURTTL006	Install LNG fuel systems	30
AURTTL3007	Service LPG fuel systems	30	E	AURTTL007	Inspect and service LPG fuel systems	30

AURTTL3008	Diagnose and repair LPG fuel systems	31	E	AURTTL008	Diagnose and repair LPG fuel systems	31
AURTTL3009	Install LPG fuel systems	30	E	AURTTL009	Install LPG fuel systems	30
AURTTL3010	Install LPG, CNG and LNG electrical control equipment	30	E	AURTTL010	Install LPG, CNG and LNG electrical control equipment	30
AURTTL4011	Diagnose complex faults in CNG fuel systems	45	E	AURTTL011	Diagnose complex faults in CNG fuel systems	45
AURTTL4012	Diagnose complex faults in LNG fuel systems	45	E	AURTTL012	Diagnose complex faults in LNG fuel systems	45
AURTTL4013	Diagnose complex faults in LPG fuel systems	45	E	AURTTL013	Diagnose complex faults in LPG fuel systems	45
AURTTL5014	Analyse and evaluate gas fuel system faults	36	E	AURTTL014	Analyse and evaluate faults in gas fuel systems	36
AURTTL5015	Develop and apply gas fuel system modifications	40	E	AURTTL015	Develop and apply gas fuel system modifications	40
AURTTM3001	Operate and monitor computer numerical control machines	30	E	AURTTM001	Operate and monitor computer numerical control machines	30
AURTTM3002	Repair bearing tunnels and connecting rods in engines	40	E	AURTTM002	Repair bearing tunnels and connecting rods in engines	40
AURTTM3003	Apply metal to rebuild engine components	60	E	AURTTM003	Apply metal to rebuild engine components	60
AURTTM3004	Assemble engine blocks and sub-assemblies	70	E	AURTTM004	Assemble engine blocks and sub-assemblies	70
AURTTM3005	Balance rotating and reciprocating engine components	40	E	AURTTM005	Balance rotating and reciprocating engine components	40
AURTTM3006	Perform advanced machining and blueprinting of engine components	40	E	AURTTM006	Perform advanced machining and blueprinting of engine components	40
AURTTM3007	Carry out grinding operations	60	E	AURTTM007	Carry out crankshaft grinding	60
AURTTM3008	Dismantle and evaluate engine blocks and sub-assemblies	70	E	AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies	70
AURTTM3009	Fit sleeves and bore and hone engine cylinders	60	E	AURTTM009	Fit sleeves and bore and hone engine cylinders	60
AURTTM3010	Heat treat, straighten and reclaim engine components	40	E	AURTTM010	Heat treat, straighten and reclaim engine components	40
AURTTM3011	Recondition engine cylinder heads	120	E	AURTTM011	Recondition engine cylinder heads	120
			-	AURTTM012	Carry out camshaft grinding	55
AURTTQ2001	Service final drive assemblies	15	E	AURTTQ001	Inspect and service final drive assemblies	15
AURTTQ2002	Remove and refit driveline components	12	E	AURTTQ002	Remove and refit driveline components	12
AURTTQ2003	Service final drive (driveline)	16	E	AURTTQ003	Inspect and service drive shafts	16
AURTTQ4004	Overhaul final drive assemblies	32	E	AURTTQ004	Overhaul final drive assemblies	32
AURTTTR4001	Diagnose complex faults in engine management systems	45	E	AURTTTR001	Diagnose complex faults in engine management systems	45
AURTTTS2001	Fabricate exhaust system and components	24	E	AURTTTS001	Fabricate exhaust systems and components	24

AURTTW2001	Carry out soft soldering techniques	30	E	AURTTW001	Carry out soft soldering techniques	30
AURTTW3002	Set, operate and monitor specialist machines	30	E	AURTTW002	Set, operate and monitor specialist reconditioning machines	30
AURTTW3003	Carry out machining operations	30	E	AURTTW003	Carry out machining operations	30
AURTTX1001	Remove and tag transmission system components	16	E	AURTTX001	Remove and tag driveline components	16
AURTTX2002	Inspect and service transmissions (manual)	20	E	AURTTX002	Inspect and service manual transmissions	20
AURTTX2003	Inspect and service transmissions (automatic)	20	E	AURTTX003	Inspect and service automatic transmissions	20
AURTTX2004	Service transmissions (hydrostatic)	24	E	AURTTX004	Inspect and service hydrostatic transmissions	24
AURTTX2005	Inspect and service clutch systems	10	E	AURTTX005	Inspect and service clutch systems	10
AURTTX3006	Repair transmissions (hydrostatic)	40	E	AURTTX006	Diagnose and repair hydrostatic transmissions	40
AURTTX4007	Overhaul clutch assemblies	40	E	AURTTX007	Overhaul clutch assemblies	40
AURTTX4008	Overhaul transmissions (manual)	32	E	AURTTX008	Overhaul manual transmissions	32
AURTTX4009	Overhaul transmissions (automatic)	40	E	AURTTX009	Overhaul automatic transmissions	40
AURTTX4010	Overhaul transmissions (hydrostatic)	40	E	AURTTX010	Overhaul hydrostatic transmissions	40
AURTTX4011	Overhaul torque converters	25	E	AURTTX011	Overhaul torque converters	25
AURTTY3001	Repair chassis, frame and associated components	20	E	AURTTY001	Repair vehicle chassis, frame and associated components	20
AURTTZ2001	Inspect and service emission control systems	10	E	AURTTZ001	Inspect and service emission control systems	10
AURTTZ2002	Repair exhaust system components	20	E	AURTTZ002	Diagnose and repair exhaust systems	20
AURVTA2001	Prepare vehicle, components and equipment for customer use	20	E	AURVTA001	Prepare vehicles for customer use	20
AURVTA3002	Remove and replace supplementary restraint systems	30	E	AURVTA002	Remove and replace vehicle supplementary restraint systems	30
AURVTA3003	Inspect paint, trim and accessories and recommend repair procedures	40	E	AURVTA003	Inspect vehicle paint, trim and accessories and recommend repair procedures	40
AURVTA3004	Inspect vehicle systems and determine preferred repair action	30	E	AURVTA004	Inspect damaged vehicle systems and recommend repairs	30
AURVTG2001	Repair laminated glass	20	E	AURVTG001	Repair laminated glass windscreens	20
AURVTG2002	Remove and install rubber glazed windscreens	20	E	AURVTG002	Remove and install rubber glazed windscreens	20
AURVTG2003	Remove and install butyl sealed windscreens	20	E	AURVTG003	Remove and install butyl sealed windscreens	20
AURVTG2004	Remove and install direct glazed windscreens	20	E	AURVTG004	Remove and install direct glazed windscreens	20

AURVTG2005	Remove and install framed type windscreens	20	E	AURVTG005	Remove and install framed type windscreens	20
AURVTG2006	Apply window tinting	20	E	AURVTG006	Apply vehicle window tinting	20
AURVTG2007	Clean glass surfaces	10	E	AURVTG007	Clean vehicle glass surfaces	10
AURVTG3008	Cut and process flat laminated glass	30	E	AURVTG008	Cut and process vehicle and machinery flat laminated glass	30
AURVTG3009	Remove and install fixed body glass	30	E	AURVTG009	Remove and install vehicle fixed body glass	30
AURVTG3010	Remove and install movable body glass	30	E	AURVTG010	Remove and install vehicle movable body glass	30
AURVTG3011	Install side windows	30	E	AURVTG011	Install side vehicle windows	30
AURVTG3012	Remove and install heavy vehicle rubber and urethane glazed windscreens	30	E	AURVTG012	Remove and install heavy vehicle rubber and direct glazed windscreens	30
AURVTG3013	Remove and install large vehicle windscreens	30	E	AURVTG013	Remove and install large vehicle windscreens	30
AURVTK2001	Use and maintain vehicle body repair hand tools	15	E	AURVTK001	Use and maintain vehicle body repair hand tools	15
AURVTN1001	Remove and tag vehicle body system components	22	E	AURVTN001	Remove and tag vehicle body components	22
AURVTN2002	Carry out panel repairs	30	E	AURVTN002	Carry out non-structural vehicle panel repairs	30
AURVTN2003	Carry out pre-repair vehicle body operations	24	E	AURVTN003	Remove and store vehicle body components	24
AURVTN2004	Remove, replace and realign bolt-on panels, sections and fittings	58	E	AURVTN004	Remove, replace and align bolt-on vehicle body panels and components	58
AURVTN2005	Remove and fit protector mouldings, transfers and decals	20	E	AURVTN005	Remove and replace adhesive attached components on vehicles	20
AURVTN2006	Remove and replace mechanical units and assemblies	20	E	AURVTN006	Remove and replace mechanical units during vehicle repair	20
AURVTN2007	Remove salvageable components	20	E	AURVTN007	Remove and clean salvageable vehicle components	20
AURVTN2008	Clean vehicle body and door cavities	20	E	AURVTN008	Clean vehicle body and door openings	20
AURVTN2009	Clean vehicle engine and engine compartment	20	E	AURVTN009	Clean vehicle engines and engine components	20
AURVTN2010	Clean vehicle underbody	20	E	AURVTN010	Clean vehicle underbody	20
AURVTN2011	Remove and install rear vision mirrors	10	E	AURVTN011	Remove and install vehicle rear vision mirrors	10
AURVTN3012	Install vehicle sunroofs	30	E	AURVTN012	Install vehicle sunroofs	30
AURVTN3013	Carry out paint-less dent repairs	30	E	AURVTN013	Carry out paint-less dent repairs on vehicle body panels	30
AURVTN3015	Repair body panels using metal finishing techniques	40	E	AURVTN015	Repair vehicle body panels using metal finishing	40
AURVTN3016	Repair body panels incorporating filler	30	E	AURVTN016	Repair vehicle body panels using filler	30

AURVTN3017	Repair body panels and thermoplastic components	30	E	AURVTN017	Repair vehicle thermoplastic body panels and components	30
AURVTN3018	Repair and replace structural damage by welding	58	E	AURVTN018	Repair and replace vehicle structural damage	58
AURVTN3019	Repair and replace structural damage by riveting	30	E	AURVTN019	Repair vehicle structural damage by riveting	30
AURVTN3020	Replace major welded panels	48	E	AURVTN020	Remove and replace major welded panels on vehicles	48
AURVTN3021	Repair body components using lead wiping	30	E	AURVTN021	Repair vehicle body components using lead wiping	30
AURVTN3022	Repair vehicle body misalignment	48	E	AURVTN022	Repair vehicle body misalignment	48
AURVTN3023	Remove and replace adhesive bonded panels and structures	30	E	AURVTN023	Repair adhesive bonded structural damage on vehicles	30
AURVTN3025	Repair corroded panels and components	32	E	AURVTN025	Repair corroded vehicle body panels and components	32
AURVTN3026	Repair aluminium body panels (finishing)	30	E	AURVTN026	Repair vehicle aluminium body panels without the use of body filler	30
AURVTN3027	Repair aluminium body panels (filling)	30	E	AURVTN027	Repair vehicle aluminium body panels using filler	30
AURVTN3028	Identify and repair high strength steel components	40	E	AURVTN028	Identify and repair high strength steel vehicle components	40
AURVTN3029	Set up and operate universal measuring systems	20	E	AURVTN029	Set up and operate universal vehicle measuring systems	20
AURVTN2030	Service air compressors and air lines	16	E	AURVTN030	Service air compressors and air lines	16
AURVTN3031	Conduct major sectional repairs	54	E	AURVTN031	Carry out vehicle sectional repairs	54
AURVTN4032	Determine vehicle damage and recommended repair procedures	34	E	AURVTN032	Inspect vehicle damage and determine repair procedures	34
AURVTN2033	Service, repair and replace air compressors and components	20	E	AURVTN033	Service and repair air compressors and components	20
AURVTN5034	Evaluate and select bodywork materials, equipment and processes	36	E	AURVTN034	Evaluate vehicle body repair materials, equipment and work processes	36
AURVTN3035	Apply original equipment manufacturer repair procedures	15	E	AURVTN035	Apply original equipment manufacturer repair procedures during vehicle repairs	15
AURVTN2037	Disassemble and test vehicle units and components	20	E	AURVTN037	Test vehicle components for correct operation	20
			-	AURVTN038	Carry out basic repairs to vehicle body panels	35
			-	AURVTN039	Set up body alignment equipment on vehicles	35
			-	AURVTN040	Repair vehicle plastic components	20
			-	AURVTN041	Remove and realign vehicle body panels	35

AURVLN2001	Apply legal requirements for vehicle dismantlers	20	E	AURVTN042	Dismantle vehicle components	20
AURVTP2001	Apply paint removal methods	20	E	AURVTP001	Remove paint from vehicle painted surfaces	20
AURVTP2002	Carry out masking procedures	32	E	AURVTP002	Mask vehicle panels and components	32
AURVTP2003	Prepare spray painting materials and equipment	24	E	AURVTP003	Prepare vehicle spray painting equipment for use	24
AURVTP2004	Apply fundamental colour matching techniques	24	E	AURVTP004	Apply basic colour matching techniques using vehicle paint codes	24
AURVTP2005	Apply rust prevention and sound deadening materials	16	E	AURVTP005	Apply rust prevention and sound deadening materials to vehicle body components	16
AURVTP2006	Prepare vehicle components for paint repairs	40	E	AURVTP006	Apply refinishing primers to vehicle surfaces	40
AURVTP2007	Apply paint touch-up techniques	16	E	AURVTP007	Touch up minor vehicle paintwork damage	16
AURVTP2008	Clean and polish vehicle exterior paint	20	E	AURVTP008	Clean and polish vehicle paint surfaces	20
AURVTP2009	Apply vehicle body film wrapping	15	E	AURVTP009	Apply vehicle body film wrapping	15
AURVTP3010	Prepare spray booths and paint drying equipment	30	E	AURVTP010	Prepare and operate vehicle paint drying equipment	30
AURVTP3011	Apply solid acrylic enamel refinishing materials using two component systems	48	E	AURVTP011	Apply solid acrylic two-pack materials to vehicle components	48
AURVTP3012	Apply air dry and polyurethane enamel refinishing materials	32	E	AURVTP012	Apply air dry and polyurethane refinishing materials	32
AURVTP3013	Prepare substrate for refinishing	32	E	AURVTP013	Prepare vehicle substrates for refinishing	32
AURVTP3014	Apply multi-layer and clear over-base colour matching techniques	36	E	AURVTP014	Colour match multi-layer and clear over base two-pack paints on vehicles and components	36
AURVTP3015	Apply solid colour matching techniques	30	E	AURVTP015	Match direct gloss solid paint colour on vehicles or components	30
AURVTP3016	Carry out paint rectification and touch-up work for solids using two component systems	36	E	AURVTP016	Rectify and touch up vehicle direct gloss paint faults using two-pack systems	36
AURVTP3017	Carry out paint rectification and touch-up work for clear over base using two component systems	36	E	AURVTP017	Rectify and touch up vehicle paint faults using clear over base two-pack systems	36
AURVTP3018	Carry out paint rectification for multi-layer and pearl using two component system	36	E	AURVTP018	Rectify vehicle multi-layer and pearl paint faults using two-pack systems	36
AURVTP3019	Prepare and paint plastic components	24	E	AURVTP019	Prepare and paint plastic and composite vehicle surfaces	24
AURVTP3020	Carry out denibbing, buffing and polishing	30	E	AURVTP020	De-nib, buff and polish vehicle painted surfaces	30
AURVTP3021	Restore vehicle exterior paint	30	E	AURVTP021	Restore vehicle body exterior paint	30
AURVTP3023	Mix and apply clear over-base refinishing materials in	48	E	AURVTP023	Apply clear over base two-pack refinishing materials to	48

	two-component systems				vehicle body components	
AURVTP3024	Mix and apply clear over-base multi-layer pearl refinishing materials	56	E	AURVTP024	Apply clear over base multi-layer and pearl refinishing materials to vehicle body components	56
AURVTP3025	Mix and apply water-based refinishing materials	54	E	AURVTP025	Apply water-based refinishing materials to vehicle bodies and substrates	54
AURVTP2026	Carry out basic airbrush application techniques	40	E	AURVTP026	Apply basic airbrush techniques to vehicle body panels	40
			-	AURVTP028	Carry out custom painting techniques to vehicle body panels	80
			-	AURVTP030	Apply paint to vehicle body panels	80
			-	AURVTP031	Cut and polish painted vehicle body panels	25
			-	AURVTP032	Prepare and mask vehicle body panel surfaces	20
AURVTS3001	Carry out wood working operations for fabrication	40	E	AURVTS001	Fabricate wooden components for vehicles	40
AURVTS3002	Repair plugs, moulds, frames and flooring using wood materials	30	E	AURVTS002	Repair wooden components in vehicles	30
AURVTS3003	Fabricate composite material components	30	E	AURVTS003	Fabricate vehicle composite material components	30
AURVTS3004	Repair fibreglass and composite material components	30	E	AURVTS004	Repair vehicle composite material components	30
AURVTS3005	Fabricate vehicle body panels and components	35	E	AURVTS005	Fabricate vehicle body panels and components	35
AURVTS2006	Carry out fabrication of components	20	E	AURVTS006	Fabricate automotive and marine trim components	20
AURVTT2001	Carry out sewing repairs and alterations	40	E	AURVTT001	Carry out sewing repairs to automotive and marine trim	40
AURVTT2002	Carry out trim repairs and alterations	40	E	AURVTT002	Carry out repairs and alterations to automotive and marine trim	40
AURVTT2003	Remove and replace vehicle interior trim components	20	E	AURVTT003	Remove and replace automotive and marine interior trim components	20
AURVTT2004	Trim vehicle components	68	E	AURVTT004	Trim vehicle components	68
AURVTT2005	Select and apply trim and fabric materials	20	E	AURVTT005	Select trim and fabric materials	20
AURVTT2006	Select and apply trim and fabric adhesives	12	E	AURVTT006	Apply trimming adhesives	12
AURVTT2007	Clean and finish plastic trim and fittings	20	E	AURVTT007	Clean plastic trim and fittings of vehicles	20
AURVTT2008	Clean and finish vehicle interior trim and seats	20	E	AURVTT008	Clean vehicle interior trim	20
AURVTT2009	Remove and replace seats and internal fittings	20	E	AURVTT009	Remove and replace vehicle and vessel seats and fittings	20
AURVTT3010	Remove and replace vehicle head lining	44	E	AURVTT010	Remove and manufacture or repair vehicle head lining	44

AURVTT3012	Carry out sewing operations	40	E	AURVTT012	Conduct sewing operations	40
AURVTT3013	Fabricate loose and fitted covers	40	E	AURVTT013	Fabricate and fit loose and fitted covers to vehicle seats and components	40
AURVTT3014	Fabricate marine covers	40	E	AURVTT014	Fabricate and fit marine covers	40
AURVTT3015	Fabricate canvas products	40	E	AURVTT015	Fabricate and install canvas products for automotive and marine components	40
AURVTT3017	Fabricate and install floor coverings	40	E	AURVTT017	Fabricate and install automotive and marine floor coverings	40
AURVTT3018	Fabricate and install soft tops hoods	40	E	AURVTT018	Fabricate and install automotive and marine soft top hoods	40
AURVTT3019	Fabricate and install canopies and curtains	30	E	AURVTT019	Fabricate and install automotive and marine frames, canopies and side curtains	30
AURVTT3020	Select and use leather in trimming	70	E	AURVTT020	Select and use leather in automotive and marine trimming	70
AURVTT3021	Select and use adhesives	15	E	AURVTT021	Select and apply adhesives in automotive and marine service and repair work	15
AURVTV2001	Remove, replace, fit and test components and accessories	20	E	AURVTV001	Remove, replace and test non-electrical vehicle components and accessories	20
AURVTW2001	Carry out manual metal arc welding procedures	20	E	AURVTW001	Carry out manual metal arc welding on components	20
AURVTW2002	Carry out brazing procedures	20	E	AURVTW002	Carry out oxyacetylene brazing of components	20
AURVTW2003	Carry out gas metal arc welding procedures	30	E	AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	30
AURVTW2004	Carry out gas tungsten arc welding procedures	20	E	AURVTW004	Carry out tungsten inert gas welding	20
AURVTW2005	Carry out spot welding procedures	20	E	AURVTW005	Carry out spot welding	20
AURVTW3006	Carry out thermoplastic welding procedures	30	E	AURVTW006	Carry out thermoplastic welding on vehicle trim components	30
AURVTW2007	Conduct oxy-acetylene, thermal heating and cutting	15	E	AURVTW007	Carry out oxyacetylene thermal heating and cutting on vehicle body sections	15
AURVTW2008	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	30	E	AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting	30
			-	AURVTW009	Carry out basic gas metal arc welding	20

Apprenticeships

The following table provides a summary of the qualifications in the AUR Automotive Retail, Service and Repair Training Package and the accredited apprenticeship courses they will replace.

AUR12 Current Unit					AUR Replacement Unit		
National Code	National Title	Apprenticeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
AUR30312	Certificate III in Automotive Electrical Technology	AP01330: AUTOMOTIVE ELECTRICIAN	940	E	AUR30316	Certificate III in Automotive Electrical Technology	940
AUR30412	Certificate III in Agricultural Mechanical Technology	AP02320: AUTOMOTIVE TECHNICIAN (HEAVY AGRICULTURAL EQUIPMENT)	1020	E	AUR30416	Certificate III in Agricultural Mechanical Technology	1020
AUR30514	Certificate III in Marine Mechanical Technology	AP01570: AUTOMOTIVE TECHNICIAN (MARINE LIGHT)	840	E	AUR30516	Certificate III in Marine Mechanical Technology	840
AUR30612	Certificate III in Light Vehicle Mechanical Technology	AP02420: AUTOMOTIVE TECHNICIAN (LIGHT)	985	E	AUR30616	Certificate III in Light Vehicle Mechanical Technology	985
AUR30713	Certificate III in Outdoor Power Equipment Technology	AP01560: AUTOMOTIVE TECHNICIAN (OUTDOOR POWER EQUIPMENT)	870	E	AUR30716	Certificate III in Outdoor Power Equipment Technology	870
AUR30812	Certificate III in Motorcycle Mechanical Technology	AP02430: AUTOMOTIVE TECHNICIAN (MOTOR CYCLE)	942	E	AUR30816	Certificate III in Motorcycle Mechanical Technology	942
AUR31114	Certificate III in Heavy Commercial Vehicle Mechanical Technology	AP02310: AUTOMOTIVE TECHNICIAN (HEAVY VEHICLE ROAD TRANSPORT)	1095	E	AUR31116	Certificate III in Heavy Commercial Vehicle Mechanical Technology	1095
AUR31212	Certificate III in Mobile Plant Technology	AP02300: AUTOMOTIVE TECHNICIAN (HEAVY MOBILE EQUIPMENT)	1099	E	AUR31216	Certificate III in Mobile Plant Technology	1099
AUR32112	Certificate III in Automotive Body Repair Technology	AP01320: PANEL BEATER	902	E	AUR32116	Certificate III in Automotive Body Repair Technology	902
AUR32312	Certificate III in Automotive and Marine Trimming Technology	AP01350: VEHICLE TRIMMER	900	E	AUR32316	Certificate III in Automotive and Marine Trimming Technology	900
AUR32412	Certificate III in Automotive Refinishing Technology	AP01310: VEHICLE PAINTER	900	E	AUR32416	Certificate III in Automotive Refinishing Technology	900

Traineeships

The following table provides a summary of the qualifications in the AUR: Automotive Retail, Service and Repair Training Package and the accredited traineeship courses they will replace.

AUR12 Current Unit					AUR Replacement Unit		
National Code	National Title	Traineeship	Nominal Hours	E / NE	National Code	National Title	Nominal Hours
AUR20112	Certificate II in Automotive Administration	TR06100: AUTOMOTIVE ADMINISTRATION (LEVEL 2)	220	E	AUR20116	Certificate II in Automotive Administration	220
AUR20312	Certificate II in Bicycle Mechanical Technology	TR06150: BICYCLES (LEVEL 2)	355	E	AUR20316	Certificate II in Bicycle Mechanical Technology	355
AUR20412	Certificate II in Automotive Electrical Technology	TR06110: AUTOMOTIVE ELECTRICAL TECHNOLOGY (LEVEL 2)	297	E	AUR20416	Certificate II in Automotive Electrical Technology	297
AUR20512	Certificate II in Automotive Servicing Technology	TR06120: AUTOMOTIVE MECHANICAL (LEVEL 2)	365	E	AUR20516	Certificate II in Automotive Servicing Technology	365
		TR06180: VEHICLE SERVICING (LEVEL 2)					
AUR20612	Certificate II in Marine Mechanical Technology	TR06160: MARINE (LEVEL 2)	359	E	AUR20616	Certificate II in Marine Mechanical Technology	359
AUR20812	Certificate II in Outdoor Power Equipment Technology	TR02150: OUTDOOR POWER EQUIPMENT (LEVEL 2)	286	E	AUR20816	Certificate II in Outdoor Power Equipment Technology	286
AUR20912	Certificate II in Automotive Body Repair Technology	TR06130: AUTOMOTIVE VEHICLE BODY (LEVEL 2)	317	E	AUR20916	Certificate II in Automotive Body Repair Technology	317
AUR21112	Certificate II in Automotive Sales	TR06140: AUTOMOTIVE SALES (LEVEL 2)	265	E	AUR21116	Certificate II in Automotive Sales	265
AUR21512	Certificate II in Automotive Cylinder Head Reconditioning	TR06870: MECHANICAL ENGINE OVERHAUL (LEVEL 2)	400	E	AUR21516	Certificate II in Automotive Cylinder Head Reconditioning	400
AUR21612	Certificate II in Automotive Driveline System Technology	TR06880: MECHANICAL DRIVELINE (LEVEL 2)	297	E	AUR21616	Certificate II in Automotive Driveline System Technology	297
		TR06890: MECHANICAL TRANSMISSIONS (LEVEL 2)					
AUR30112	Certificate III in Automotive Administration	TR09400: AUTOMOTIVE ADMINISTRATION (LEVEL 3)	400	E	AUR30116	Certificate III in Automotive Administration	400
		TR09410: AUTOMOTIVE ADMINISTRATION (RENTAL VEHICLES) (LEVEL 3)					
AUR31012	Certificate III in Automotive Sales	TR07670: AUTOMOTIVE SALES (LEVEL 3)	490	E	AUR31016	Certificate III in Automotive Sales	490

		3)					
AUR40112	Certificate IV in Automotive Management	TR09540: AUTOMOTIVE MANAGEMENT (LEVEL 4)	340	E	AUR40116	Certificate IV in Automotive Management	340
AUR50112	Diploma in Automotive Management	TR09550: AUTOMOTIVE MANAGEMENT (LEVEL 5)	500	E	AUR50116	Diploma in Automotive Management	500