

**Victorian Purchasing Guide  
for  
AUR Automotive Retail, Service & Repair Training  
Package  
Release No 5**

**February 2019**

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## Victorian Purchasing Guide - Version History

Training Package Version	Date VPG Released	Comments
AUR Automotive Retail, Service & Repair Training Package Release 5	21/02/2019	This Victorian Purchasing Guide reflects the changes made to AUR Automotive Retail, Service & Repair Training Package release 5 2 revised qualifications 2 new units of competency 21 revised units of competency 4 new skill sets This Training Package replaces AUR Release 4
AUR Automotive Retail, Service & Repair Training Package Release 4	9/04/2018	This Victorian Purchasing Guide reflects the changes made to AUR Automotive Retail, Service & Repair Training Package release 4 1 revised qualification
AUR Automotive Retail, Service & Repair Training Package Release 3	25/05/2016	This Victorian Purchasing Guide reflects the changes made to AUR Automotive Retail, Service & Repair Training Package release 3 53 new qualifications 4 revised qualifications 604 new units of competency, recoded to conform with the new standards for Training Packages 20 revised units of competency 23 revised and recoded skill sets This Training Package replaces both AUR Release 2.1 and AUR12 Release 2.1

# AUR Automotive Retail, Service and Repair Training Package Victorian Purchasing Guide

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## INTRODUCTION

### What is a Victorian Purchasing Guide?

The Victorian Purchasing Guide provides information for use by Registered Training Organisations (RTOs) in the provision of Victorian government subsidised training.

Specifically the Victorian Purchasing Guide provides the following information related to the delivery of nationally endorsed Training Packages in Victoria:

- The maximum and minimum payable hours available for each qualification.
- Nominal hours for each unit of competency within the Training Package.

### ***Registration***

RTOs must be registered by either the Victorian Registration and Qualifications Authority (VRQA) or the Australian Skills Qualification Authority (ASQA) regulatory body to be eligible to issue qualifications and statements of attainment under the Australian Qualifications Framework (AQF).

The VRQA is the regulatory authority in Victoria responsible for the registration of education and training providers in VET who provide courses to domestic students only and who offer training in Victoria only or Victoria and Western Australia only.

To register to provide training to international students and in other Australian states and territories you will need to apply with ASQA.



## QUALIFICATIONS

Code	Title	Minimum Payable Hours	Maximum Payable Hours
AUR10116	Certificate I in Automotive Vocational Preparation	133	140
AUR20116	Certificate II in Automotive Administration	228	240
AUR20218	Certificate II in Automotive Air Conditioning Technology	325	345
AUR20316	Certificate II in Bicycle Mechanical Technology	352	370
AUR20416	Certificate II in Automotive Electrical Technology	399	420
AUR20516	Certificate II in Automotive Servicing Technology	361	380
AUR20616	Certificate II in Marine Mechanical Technology	375	395
AUR20716	Certificate II in Automotive Vocational Preparation	337	355
AUR20816	Certificate II in Outdoor Power Equipment Technology	281	296
AUR20916	Certificate II in Automotive Body Repair Technology	390	415
AUR21016	Certificate II in Motorsport Technology	494	520
AUR21116	Certificate II in Automotive Sales	294	310
AUR21216	Certificate II in Automotive Underbody Technology	318	335
AUR21316	Certificate II in Automotive Braking System Technology	247	260
AUR21416	Certificate II in Automotive Cooling System Technology	332	350
AUR21516	Certificate II in Automotive Cylinder Head Reconditioning	399	420
AUR21616	Certificate II in Automotive Driveline System Technology	228	240
AUR21716	Certificate II in Automotive Exhaust System Technology	328	345



Code	Title	Minimum Payable Hours	Maximum Payable Hours
AUR21816	Certificate II in Automotive Steering and Suspension System Technology	228	240
AUR21916	Certificate II in Automotive Tyre Servicing Technology	294	310
AUR30116	Certificate III in Automotive Administration	456	480
AUR30216	Certificate III in Bicycle Workshop Operations	665	700
AUR30316	Certificate III in Automotive Electrical Technology	1083	1140
AUR30416	Certificate III in Agricultural Mechanical Technology	1140	1200
AUR30516	Certificate III in Marine Mechanical Technology	1026	1080
AUR30616	Certificate III in Light Vehicle Mechanical Technology	1145	1205
AUR30716	Certificate III in Outdoor Power Equipment Technology	1047	1102
AUR30816	Certificate III in Motorcycle Mechanical Technology	974	1025
AUR30916	Certificate III in Motorsport Technology	1145	1205
AUR31016	Certificate III in Automotive Sales	608	640
AUR31116	Certificate III in Heavy Commercial Vehicle Mechanical Technology	1140	1200
AUR31216	Certificate III in Mobile Plant Technology	1145	1204
AUR31316	Certificate III in Automotive Engine Reconditioning	1125	1185
AUR31416	Certificate III in Automotive Diesel Fuel Technology	712	750
AUR31516	Certificate III in Automotive Diesel Engine Technology	950	1000
AUR31616	Certificate III in Automotive Drivetrain Technology	627	660
AUR31716	Certificate III in Forklift Technology	944	994





Code	Title	Minimum Payable Hours	Maximum Payable Hours
AUR31816	Certificate III in Heavy Commercial Trailer Technology	855	900
AUR31916	Certificate III in Elevating Work Platform Technology	950	1000
AUR32016	Certificate III in Automotive Alternative Fuel Technology	675	710
AUR32116	Certificate III in Automotive Body Repair Technology	1055	1110
AUR32216	Certificate III in Automotive Glazing Technology	665	700
AUR32316	Certificate III in Automotive and Marine Trimming Technology	988	1040
AUR32416	Certificate III in Automotive Refinishing Technology	1040	1095
AUR32518	Certificate III in Automotive Underbody Technology	779	820
AUR32616	Certificate III in Automotive Tyre Management	355	420
AUR40116	Certificate IV in Automotive Management	375	395
AUR40216	Certificate IV in Automotive Mechanical Diagnosis	494	520
AUR40316	Certificate IV in Motorsport Technology	570	600
AUR40416	Certificate IV in Automotive Performance Enhancement	589	620
AUR40514	Certificate IV in Loss Assessing	618	650
AUR40616	Certificate IV in Automotive Electrical Technology	513	540
AUR40718	Certificate IV in Automotive Body Repair Technology	314	330
AUR40816	Certificate IV in Automotive Mechanical Overhauling	589	620
AUR50116	Diploma of Automotive Management	731	770
AUR50216	Diploma of Automotive Technology	684	720
AUR50316	Diploma of Motorsport	513	540



## UNITS OF COMPETENCY

Unit Code	Unit Title	Nominal Hours
AURAAA001	Work in an automotive administration role	20
AURAAA002	Determine retail rates for automotive products and services	60
AURACA001	Respond to customer needs and enquiries in an automotive workplace	20
AURACA002	Manage complex customer requirements in an automotive workplace	40
AURACA003	Build customer relations in an automotive workplace	20
AURAEA001	Identify environmental and sustainability requirements in an automotive service or repair workplace	25
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	25
AURAEA003	Monitor environmental and sustainability best practice in an automotive workplace	25
AURAEA004	Manage environmental and sustainability best practice in an automotive workplace	30
AURAFa001	Use numbers in an automotive workplace	10
AURAFa002	Read and respond to automotive workplace information	10
AURAFa003	Communicate effectively in an automotive workplace	20
AURAFa004	Resolve routine problems in an automotive workplace	20
AURAFa005	Write routine texts in an automotive workplace	10
AURAFa006	Conduct research and present technical reports	40
AURAFa007	Develop and document specifications and procedures	40
AURAFa008	Interpret and apply automotive repair instructions	20
AURAFa009	Carry out research into the automotive industry	40



Unit Code	Unit Title	Nominal Hours
AURAKA001	Use information technology systems	30
AURAKA002	Adapt work processes to new technologies in an automotive workplace	40
AURALA001	Comply with legal aspects of a service and repair contract in an automotive workplace	40
AURAMA001	Work effectively with others in an automotive workplace	20
AURAMA002	Communicate business information in an automotive workplace	20
AURAMA003	Conduct information sessions in an automotive workplace	25
AURAMA004	Maintain business image in an automotive workplace	15
AURAMA005	Manage complex customer issues in an automotive workplace	50
AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace	120
AURANN011	Estimate and quote automotive body repairs	15
AURAQA001	Contribute to quality work outcomes in an automotive workplace	20
AURAQA002	Inspect technical quality of work in an automotive workplace	40
AURAQA003	Maintain quality processes in an automotive workplace	40
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	20
AURATA002	Read, interpret and apply engineering drawings	40
AURATA003	Produce drawings from design concepts	100
AURATA004	Provide technical guidance	40
AURATA005	Estimate and quote automotive mechanical and electrical repairs	30
AURBCA001	Work in a retail bicycle environment	10



Unit Code	Unit Title	Nominal Hours
AURBCA002	Select and adjust bicycles to fit riders	5
AURBTA001	Remove and tag bicycle components	5
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	30
AURBTB002	Service bicycle hydraulic braking systems	20
AURBTB003	Repair and overhaul bicycle hydraulic braking systems	10
AURBTD001	Service bicycle steering systems	15
AURBTD002	Service bicycle suspension systems	20
AURBTD003	Repair and overhaul bicycle steering systems	30
AURBTD004	Repair and overhaul bicycle suspension systems	40
AURBTJ001	Remove, repair and refit bicycle tyres	10
AURBTJ002	Service bicycle wheels and hubs	15
AURBTJ003	Design and build bicycle wheels	25
AURBTJ004	Repair and overhaul bicycle wheels and hubs	25
AURBTK001	Maintain specialised bicycle repair tools and equipment	10
AURBTQ001	Service bicycle drivetrain systems	15
AURBTQ002	Repair and overhaul bicycle drivetrain systems	25



Unit Code	Unit Title	Nominal Hours
AURBTR001	Service electric power-assisted bicycles	20
AURBTR002	Install and adjust bicycle electronic gear shifters	20
AURBTV001	Remove, refit and adjust bicycle accessories	15
AURBTY001	Repair bicycle frames	45
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	60
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems	60
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems	60
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems	60
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems	60
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems	60
AURETB001	Diagnose and repair electric braking systems	20
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems	60
AURETD011	Diagnose and repair electronically controlled steering systems	25
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems	60
AURETH001	Depower and reinitialise battery electric vehicles	10
AURETH002	Service and maintain battery electric vehicles	20



Unit Code	Unit Title	Nominal Hours
AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles	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 vehicles	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	60
AURETH014	Diagnose complex faults in hybrid and battery electric vehicle network management systems	50
AURETK001	Identify, select and use low voltage electrical test equipment	10
AURETK002	Use and maintain electrical test equipment in an automotive workplace	20
AURETK003	Operate electrical test equipment	40
AURETR001	Remove and tag automotive electrical system components	10
AURETR002	Inspect heavy vehicle battery storage systems	10



Unit Code	Unit Title	Nominal Hours
AURETR003	Identify automotive electrical systems and components	25
AURETR004	Diagnose complex faults in convenience and entertainment systems	50
AURETR005	Install automotive security systems and components	40
AURETR006	Solder electrical wiring and circuits	20
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	20
AURETR008	Remove and replace electrical units and assemblies	15
AURETR009	Install vehicle lighting and wiring systems	40
AURETR010	Repair wiring harnesses and looms	40
AURETR011	Install basic ancillary electrical systems and components	40
AURETR012	Test and repair basic electrical circuits	40
AURETR013	Inspect, test and service charging systems	10
AURETR014	Inspect, test and service starting systems	10
AURETR015	Inspect, test and service batteries	10
AURETR016	Read and apply vehicle wiring schematics and drawings	15
AURETR017	Overhaul charging system alternators	20
AURETR018	Overhaul starting system motors	20
AURETR019	Inspect, service and repair AC electric motor drive systems	150
AURETR020	Diagnose and repair network electronic control systems	40
AURETR021	Inspect, service and repair electronic management, monitoring and tracking systems	40
AURETR022	Diagnose and repair vehicle dynamic control systems	70
AURETR023	Diagnose and repair spark ignition engine management systems	60



Unit Code	Unit Title	Nominal Hours
AURETR024	Diagnose and repair compression ignition engine management systems	50
AURETR025	Test, charge and replace batteries and jump-start vehicles	15
AURETR026	Remove, replace and program electrical and electronic units and assemblies	30
AURETR027	Install ancillary electronic systems and components	40
AURETR028	Diagnose and repair instruments and warning systems	40
AURETR029	Diagnose and repair charging systems	30
AURETR030	Diagnose and repair starting systems	30
AURETR031	Diagnose and repair ignition systems	30
AURETR032	Diagnose and repair automotive electrical systems	80
AURETR033	Develop and apply network electronic control system modifications	80
AURETR034	Develop and apply electrical system modifications	80
AURETR035	Apply knowledge of petrol and diesel engine operation	15
AURETR037	Diagnose complex faults in light vehicle safety systems	50
AURETR038	Diagnose complex faults in motorcycle electrical and electronic systems	50
AURETR039	Diagnose complex faults in light vehicle theft-deterrent systems	50
AURETR040	Diagnose complex faults in vehicle monitoring and protection systems	50
AURETR042	Remove, refit and operate electrical components following body repair activities	20
AURETR043	Diagnose and repair electronic body management systems	40
AURETR044	Diagnose and repair integrated engine and transmission management systems	50





Unit Code	Unit Title	Nominal Hours
AURETR045	Inspect, service and repair DC electric motor drive systems	40
AURETR046	Remove and refit vehicle batteries	15
AURETR047	Recharge vehicle batteries	15
AURETR048	Construct and test basic electronic circuits	40
AURETR136	Diagnose and repair electronically controlled suspension systems	25
AURETU001	Install air conditioning systems	30
AURETU002	Recover vehicle refrigerants	10
AURETU003	Service air conditioning and HVAC systems	25
AURETU004	Diagnose and repair air conditioning and HVAC systems	35
AURETU005	Retrofit and modify air conditioning and HVAC systems	30
AURETU006	Diagnose complex faults in air conditioning and HVAC systems	50
AURETU007	Overhaul air conditioning and HVAC system compressors	30
AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems	60
AURHTA001	Carry out heavy vehicle pre-repair cleaning	10
AURHTA003	Remove and replace heavy commercial vehicle ancillary components and accessories	20
AURHTB001	Diagnose and repair heavy vehicle air braking systems	50
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems	40
AURHTB003	Overhaul hydraulic and air over hydraulic braking system components	40
AURHTB004	Overhaul air braking system components	55
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems	60



Unit Code	Unit Title	Nominal Hours
AURHTB006	Diagnose complex faults in heavy commercial vehicle braking systems	50
AURHTB007	Diagnose and repair heavy commercial vehicle electronic braking systems	40
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	50
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems	60
AURHTD006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	50
AURHTE001	Remove and install heavy vehicle engine assemblies	35
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	70
AURHTE003	Diagnose complex faults in heavy vehicle diesel engines	50
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems	60
AURHTF001	Inspect heavy commercial vehicle fuel systems	20
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	80
AURHTJ001	Inspect heavy commercial vehicle wheels and tyres	10
AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications	20
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies	20
AURHTJ004	Remove, inspect, repair and refit agricultural equipment tyres and tubes	40



Unit Code	Unit Title	Nominal Hours
AURHTJ005	Identify and apply heavy vehicle pneumatic wheeled traction performance enhancement systems	15
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes	40
AURHTJ007	Remove, inspect, repair and refit industrial tyres and tubes	40
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	25
AURHTX001	Diagnose and repair heavy vehicle manual transmissions	50
AURHTX002	Inspect, test and replace heavy vehicle automatic transmissions	70
AURHTX003	Diagnose and repair heavy vehicle automatic transmissions	60
AURHTX004	Diagnose and repair heavy vehicle clutch systems	35
AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems	60
AURHTX006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	50
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	15
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	20
AURJTA001	Carry out minor adjustments to motorcycles	10



Unit Code	Unit Title	Nominal Hours
AURJTA002	Remove and replace motorcycle components and accessories	10
AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems	60
AURJTB001	Diagnose and repair motorcycle braking systems	40
AURJTB002	Analyse and evaluate faults in motorcycle braking systems	60
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	50
AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems	60
AURJTE001	Diagnose and repair motorcycle engines	60
AURJTE002	Diagnose complex faults in motorcycle engine and transmission systems	50
AURJTJ001	Remove, inspect and refit motorcycle wheel and tyre assemblies	20
AURJTJ002	Remove, inspect, repair and refit motorcycle tyres and tubes	40
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	60
AURJTX001	Diagnose and repair motorcycle clutch systems	30
AURJTX002	Diagnose and repair motorcycle manual transmissions	40



Unit Code	Unit Title	Nominal Hours
AURJTX003	Diagnose and repair motorcycle automatic transmissions	50
AURJTY001	Repair and align motorcycle frames	15
AURKKJ001	Manage use of tyre management software	40
AURKTA001	Synchronise plant and equipment	40
AURKTA002	Inspect, service and repair crop harvesting equipment	40
AURKTA003	Inspect, service and repair crop planting and seeding equipment	40
AURKTA004	Inspect, service and repair spraying and spreading equipment	40
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	60
AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems	60
AURKTA009	Diagnose complex faults in mobile plant hydraulic systems	50
AURKTA010	Inspect, service and repair hay cutting, raking and baling equipment	40
AURKTA011	Diagnose and repair mobile plant hydraulic systems	60
AURKTB001	Diagnose and repair mobile plant braking systems	40
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems	60
AURKTB003	Diagnose complex faults in mobile plant braking systems	50
AURKTD001	Diagnose and repair mobile plant suspension systems	40
AURKTD002	Diagnose and repair mobile plant steering systems	40
AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems	60
AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems	60



Unit Code	Unit Title	Nominal Hours
AURKTD005	Diagnose complex faults in mobile plant steering and suspension systems	50
AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems	60
AURKTJ004	Conduct non-destructive testing of wheel and rim assemblies	20
AURKTJ011	Remove, inspect and fit earthmoving and off-the-road tyres	40
AURKTJ012	Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies	40
AURKTJ013	Perform minor repairs to earthmoving and off-the-road tyres	20
AURKTJ015	Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications	20
AURKTJ016	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	40
AURKTX001	Diagnose and repair powershift transmissions	50
AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems	60
AURKTX003	Diagnose complex faults in mobile plant transmission and driveline systems	50
AURKTX004	Diagnose and repair continuously variable transmissions	60
AURLLD011	Determine compliance of steering and suspension modifications	25
AURLTA001	Identify automotive mechanical systems and components	25
AURLTB001	Overhaul light vehicle braking system components	40
AURLTB002	Analyse and evaluate faults in light vehicle braking systems	60
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	40



Unit Code	Unit Title	Nominal Hours
AURLTB004	Diagnose complex faults in light vehicle braking systems	50
AURLTD001	Select and install performance enhanced suspension system products	50
AURLTD002	Service and repair light vehicle lift assisted suspension systems	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	40
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems	60
AURLTD009	Diagnose complex faults in light vehicle steering and suspension systems	50
AURLTD013	Carry out advanced light vehicle wheel alignment operations	30
AURLTE001	Remove and install light vehicle engine assemblies	30
AURLTE002	Diagnose and repair light vehicle engines	60
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems	60
AURLTE004	Diagnose complex faults in light vehicle petrol engines	50
AURLTE005	Diagnose complex faults in light vehicle diesel engines	50
AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	50
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems	50
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	40
AURLTJ004	Provide advice on the effects of wheel and tyre combinations	25
AURLTJ011	Select light vehicle tyres and wheels for specific applications	30
AURLTJ013	Remove, inspect and refit light vehicle wheel and tyre assemblies	20



Unit Code	Unit Title	Nominal Hours
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	20
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems	60
AURLTQ012	Diagnose and repair light vehicle drive shafts	20
AURLTX001	Diagnose and repair light vehicle manual transmissions	40
AURLTX002	Diagnose and repair light vehicle automatic transmissions	50
AURLTX004	Diagnose complex faults in light vehicle automatic transmission and driveline systems	50
AURLTX013	Diagnose and repair light vehicle clutch systems	30
AURLTZ001	Diagnose and repair light vehicle emission control systems	20
AURMBA001	Transport light competition vehicles and support equipment	10
AURMBA002	Load and unload competition vehicles and support equipment	20
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	20
AURMGA002	Manage personal presentation and development in a motor sport environment	40





Unit Code	Unit Title	Nominal Hours
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	60
AURMMA004	Manage motor sport team development	60
AURMMA005	Manage team pit lane and service area operations at motor sport events	40
AURMMA006	Develop and implement race strategies for motor sport events	20
AURMMA007	Follow motor sport event and team safety requirements	20
AURMMA008	Coordinate operations of a motor sport team	40
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	60
AURMTA003	Determine material suitability for competition vehicle components	80
AURMTA004	Prepare competition vehicles at motor sport events	40
AURMTA005	Perform pit lane and service area operations at motor sport events	20
AURMTA006	Perform torquing and fastening on motor sport competition vehicles	20



Unit Code	Unit Title	Nominal Hours
AURMTA007	Conduct non-destructive testing	20
AURMTA008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles	40
AURMTA009	Collect and log motor sport data	20
AURMTD001	Test suspension dampers using a dynamometer	40
AURMTD002	Prepare competition vehicle suspension	30
AURMTE001	Test engines using a dynamometer	40
AURMTF001	Analyse and repair performance carburetted fuel systems	20
AURMTF002	Analyse and repair performance fuel injection systems	20
AURMTJ001	Select and prepare motor sport competition vehicle tyres and wheels	20
AURMTQ001	Analyse and repair faults in performance driveline systems	40
AURMTS001	Construct hose and pipe assemblies for competition vehicles	20
AURNTA001	Inspect, service and repair forklift mast assemblies	10
AURNTB001	Diagnose and repair forklift hydraulic braking systems	40
AURNTD001	Diagnose and repair forklift hydrostatic steering systems	40
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	8
AURPTA004	Service and repair drum cutting systems	25
AURPTA005	Service and repair chainsaw cutting systems	25
AURPTA006	Inspect and service line trimming systems and components	8
AURPTA007	Service and repair post boring systems	13



Unit Code	Unit Title	Nominal Hours
AURPTA008	Service and repair post hole digging systems	15
AURPTA009	Service and repair reciprocating cutting systems	13
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	30
AURPTE004	Overhaul outdoor power equipment engines	40
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	40
AURRGA001	Launch and recover vessels using a trailer	20
AURRGA002	Use cranes, gantries and forklifts to launch and recover vessels	50
AURRGA003	Moor motor-driven vessels	30
AURRTA001	Inspect and service deck, hull and cabin equipment	15
AURRTA003	Winterise vessels and engine systems	40
AURRTA006	Water test vessels	40
AURRTA007	Analyse and evaluate faults in light marine hydraulic systems	60
AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems	60
AURRTA009	Recommission vessels and engine systems	40
AURRTC001	Diagnose and repair marine exhaust and cooling systems	30
AURRTD001	Diagnose and repair marine steering systems	30



Unit Code	Unit Title	Nominal Hours
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	55
AURRTE010	Test marine engines in water tanks	30
AURRTE011	Overhaul two and four-stroke cycle marine outboard engines	40
AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems	60
AURRTF001	Diagnose and repair petrol and diesel marine fuel systems	80
AURRTQ001	Inspect and service marine inboard propeller drive systems	10
AURRTQ002	Inspect and service marine jet drive propulsion systems	10
AURRTQ004	Diagnose and repair marine inboard propeller drive systems	25
AURRTQ005	Install marine jet drive propulsion systems	40
AURRTQ006	Diagnose and repair marine jet drive propulsion systems	20
AURRTR001	Inspect, service and maintain marine battery storage systems	10
AURRTR006	Diagnose and repair marine electrical systems	20
AURRTR007	Install marine electrical systems and components	15
AURRTX001	Inspect and service marine outboard and stern drive transmissions	10
AURRTX002	Inspect and service marine inboard transmissions	10
AURRTX003	Diagnose and repair marine outboard and stern drive transmissions	30



Unit Code	Unit Title	Nominal Hours
AURRTX004	Diagnose and repair marine inboard transmissions	30
AURRTX005	Analyse and evaluate faults in light marine transmission systems	60
AURSAA001	Process customer complaints in an automotive workplace	20
AURSAA002	Maintain customer aftermarket relations	20
AURSBA001	Carry out warehousing procedures in an automotive workplace	40
AURSBA002	Identify and match uncommon automotive parts	40
AURSCA001	Select and supply automotive parts and products	100
AURSCA002	Present automotive products and services for sale	20
AURSCA003	Apply sales procedures in an automotive workplace	40
AURSCA004	Carry out cash and non-cash payment operations	35
AURSCA005	Sell automotive products and services	40
AURSCA006	Promote automotive products and services	20
AURSCA007	Determine used motor vehicle stock requirements	40
AURSCA008	Wholesale used motor vehicle stock	40
AURSCA009	Provide vehicle technology information	20
AURSCA010	Appraise and purchase used motor vehicles for sale	35
AURSCA011	Conduct online transactions in an automotive workplace	40
AURSCP001	Provide information to customers on automotive refinishing products	20
AURSLA001	Comply with legal requirements when selling automotive products and services	15
AURTGA001	Drive and manoeuvre trailers	5
AURTNA001	Estimate and quote automotive vehicle or machinery modifications	40



Unit Code	Unit Title	Nominal Hours
AURTTA001	Remove and tag steering, suspension and braking system components	15
AURTTA002	Assist with automotive workplace activities	10
AURTTA003	Use and maintain basic mechanical measuring devices	15
AURTTA004	Carry out servicing operations	20
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	10
AURTTA006	Inspect and service hydraulic systems	20
AURTTA007	Inspect, service and repair pneumatic systems	30
AURTTA008	Produce patterns and templates	80
AURTTA009	Carry out mechanical pre-repair operations	20
AURTTA010	Service and repair trailers up to 4.5 tonnes	15
AURTTA011	Install hydraulic systems to specified applications	74
AURTTA012	Fabricate and install fluid power hose assemblies	10
AURTTA013	Diagnose and repair hydraulic systems	60
AURTTA014	Assemble and install pneumatic system components	20
AURTTA015	Produce engineering drawings for vehicle components	80
AURTTA017	Carry out vehicle safety inspections	10
AURTTA018	Carry out diagnostic procedures	20
AURTTA020	Apply heat induction processes	20
AURTTA021	Diagnose complex system faults	80
AURTTA022	Develop and apply mechanical system modifications	60
AURTTA023	Develop and apply hydraulic system modifications	60
AURTTA024	Develop and apply pneumatic system modifications	60



Unit Code	Unit Title	Nominal Hours
AURTTA025	Diagnose complex faults in vehicle integrated stability control systems	50
AURTTA026	Diagnose complex faults in electronic over hydraulic systems	50
AURTTA027	Carry out basic vehicle servicing operations	40
AURTTB001	Inspect and service braking systems	20
AURTTB004	Inspect and service air braking systems	20
AURTTB006	Inspect, service and repair auxiliary braking systems	20
AURTTB007	Remove and replace brake assemblies	20
AURTTB012	Attach friction materials and radius grind	40
AURTTB013	Machine brake drums and brake disc rotors	40
AURTTB015	Assemble and fit braking system components	80
AURTTC001	Inspect and service cooling systems	10
AURTTC002	Repair radiators	50
AURTTC003	Diagnose and repair cooling systems	20
AURTTC004	Remove and replace radiators	20
AURTTD001	Inspect steering systems	10
AURTTD002	Inspect and service steering systems	10
AURTTD003	Inspect suspension systems	10
AURTTD004	Inspect and service suspension systems	10
AURTTD005	Overhaul steering system components	40
AURTTD006	Remove and replace vehicle front suspension springs	25
AURTTD007	Remove and replace steering assemblies	20
AURTTE001	Apply knowledge of engine science	40



Unit Code	Unit Title	Nominal Hours
AURTTE003	Remove and tag engine system components	15
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	40
AURTTE008	Dismantle and assemble multi-cylinder four-stroke petrol engines	40
AURTTE009	Remove and replace engine cylinder heads	20
AURTTF001	Inspect and service petrol fuel systems	25
AURTTF002	Inspect and service diesel fuel injection systems	20
AURTTF003	Overhaul diesel fuel injection system components	100
AURTTF005	Diagnose and repair engine forced-induction systems	15
AURTTF006	Diagnose and repair petrol carburettor systems	50
AURTTF007	Overhaul carburettor fuel system components	60
AURTTJ003	Remove and replace wheel and tyre assemblies	10
AURTTJ011	Balance wheels and tyres	10
AURTTJ012	Remove, inspect and refit wheel hubs and associated brake components	20
AURTTK001	Use and maintain measuring equipment in an automotive workplace	15
AURTTK002	Use and maintain tools and equipment in an automotive workplace	20
AURTTL001	Inspect and service CNG fuel systems	15
AURTTL002	Diagnose and repair CNG fuel systems	40
AURTTL003	Install CNG fuel systems	60





Unit Code	Unit Title	Nominal Hours
AURTTL004	Inspect and service LNG fuel systems	15
AURTTL005	Diagnose and repair LNG fuel systems	40
AURTTL006	Install LNG fuel systems	60
AURTTL007	Inspect and service LPG fuel systems	15
AURTTL008	Diagnose and repair LPG fuel systems	40
AURTTL009	Install LPG fuel systems	60
AURTTL010	Install LPG, CNG and LNG electrical control equipment	20
AURTTL011	Diagnose complex faults in CNG fuel systems	50
AURTTL012	Diagnose complex faults in LNG fuel systems	50
AURTTL013	Diagnose complex faults in LPG fuel systems	50
AURTTL014	Analyse and evaluate faults in gas fuel systems	60
AURTTL015	Develop and apply gas fuel system modifications	80
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



Unit Code	Unit Title	Nominal Hours
AURTTM011	Recondition engine cylinder heads	120
AURTTM012	Carry out camshaft grinding	60
AURTTQ001	Inspect and service final drive assemblies	5
AURTTQ002	Remove and refit driveline components	5
AURTTQ003	Inspect and service drive shafts	5
AURTTQ004	Overhaul final drive assemblies	20
AURTTR001	Diagnose complex faults in engine management systems	50
AURTTS001	Fabricate exhaust systems and components	60
AURTTW001	Carry out soft soldering techniques	20
AURTTW002	Set, operate and monitor specialist machines	40
AURTTW003	Carry out machining operations	80
AURTTX001	Remove and tag driveline components	10
AURTTX002	Inspect and service manual transmissions	10
AURTTX003	Inspect and service automatic transmissions	10
AURTTX004	Inspect and service hydrostatic transmissions	10
AURTTX006	Diagnose and repair hydrostatic transmissions	40
AURTTX007	Overhaul clutch assemblies	30
AURTTX008	Overhaul manual transmissions	50
AURTTX009	Overhaul automatic transmissions	240
AURTTX010	Overhaul hydrostatic transmissions	50
AURTTX011	Overhaul torque converters	30
AURTTX012	Dismantle and assemble manual conventional transmissions	40



Unit Code	Unit Title	Nominal Hours
AURTTX013	Remove and replace clutch assemblies	20
AURTTX015	Inspect and service clutch systems	10
AURTTY001	Repair vehicle chassis, frame and associated components	80
AURTTZ001	Inspect and service emission control systems	10
AURTTZ002	Diagnose and repair exhaust systems	10
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	20
AURVTA003	Inspect vehicle paint, trim and accessories and recommend repair procedures	10
AURVTA004	Inspect damaged vehicle systems and recommend repairs	20



Unit Code	Unit Title	Nominal Hours
AURVTA005	Clean vehicles	20
AURVTG001	Repair laminated glass windscreens	30
AURVTG002	Remove and install rubber glazed windscreens	30
AURVTG003	Remove and install butyl sealed windscreens	30
AURVTG004	Remove and install direct glazed windscreens	30
AURVTG005	Remove and install framed type windscreens	30
AURVTG006	Apply vehicle window tinting	30
AURVTG007	Clean vehicle glass surfaces	10
AURVTG008	Cut and process vehicle and machinery flat laminated glass	15
AURVTG009	Remove and install vehicle fixed body glass	15
AURVTG010	Remove and install vehicle movable body glass	15
AURVTG011	Install side vehicle windows	15
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	20
AURVTN001	Remove and tag vehicle body components	10
AURVTN002	Carry out non-structural vehicle panel repairs	40
AURVTN003	Remove and store vehicle body components	20
AURVTN004	Remove, replace and align bolt-on vehicle body panels and components	90
AURVTN005	Remove and replace adhesive attached components on vehicles	15
AURVTN006	Remove and replace mechanical units during vehicle repair	20



Unit Code	Unit Title	Nominal Hours
AURVTN007	Remove and clean salvageable vehicle components	60
AURVTN008	Clean vehicle body and door openings	15
AURVTN009	Clean vehicle engines and engine components	15
AURVTN010	Clean vehicle underbody	15
AURVTN011	Remove and install vehicle rear vision mirrors	2
AURVTN012	Install vehicle sunroofs	30
AURVTN013	Carry out paint-less dent repairs on vehicle body panels	40
AURVTN015	Repair vehicle body panels using metal finishing	35
AURVTN016	Repair vehicle body panels using filler	35
AURVTN017	Repair vehicle thermoplastic body panels and components	30
AURVTN018	Repair and replace vehicle structural damage	30
AURVTN019	Repair vehicle structural damage by riveting	30
AURVTN020	Remove and replace major welded panels on vehicles	50
AURVTN021	Repair vehicle body components using lead wiping	30
AURVTN022	Repair vehicle body misalignment	50
AURVTN023	Repair adhesive bonded structural damage on vehicles	40
AURVTN025	Repair corroded vehicle body panels and components	60
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	40



Unit Code	Unit Title	Nominal Hours
AURVTN031	Carry out vehicle sectional repairs	80
AURVTN032	Inspect vehicle damage and determine repair procedures	40
AURVTN033	Service and repair air compressors and components	40
AURVTN034	Evaluate vehicle body repair materials, equipment and work processes	60
AURVTN035	Apply original equipment manufacturer repair procedures during vehicle repairs	20
AURVTN037	Test vehicle components for correct operation	50
AURVTN038	Carry out basic repairs to vehicle body panels	40
AURVTN039	Set up body alignment equipment on vehicles	40
AURVTN040	Repair vehicle plastic components	20
AURVTN041	Remove and realign vehicle body panels	40
AURVTN042	Dismantle vehicle components	20
AURVTP001	Remove paint from vehicle painted surfaces	20
AURVTP002	Mask vehicle panels and components	20
AURVTP003	Prepare vehicle spray painting equipment for use	40
AURVTP004	Apply basic colour matching techniques using vehicle paint codes	30
AURVTP005	Apply rust prevention and sound deadening materials to vehicle body components	20
AURVTP006	Apply refinishing primers to vehicle surfaces	30
AURVTP007	Touch up minor vehicle paintwork damage	30
AURVTP008	Clean and polish vehicle paint surfaces	15
AURVTP009	Apply vehicle body film wrapping	20
AURVTP010	Prepare and operate vehicle paint drying equipment	30



Unit Code	Unit Title	Nominal Hours
AURVTP011	Apply solid acrylic two-pack materials to vehicle components	40
AURVTP012	Apply air dry and polyurethane refinishing materials	40
AURVTP013	Prepare vehicle substrates for refinishing	70
AURVTP014	Colour match multi-layer and clear over base two-pack paints on vehicles and components	60
AURVTP015	Match direct gloss solid paint colour on vehicles or components	40
AURVTP016	Rectify and touch up vehicle direct gloss paint faults using two-pack systems	60
AURVTP017	Rectify and touch up vehicle paint faults using clear over base two-pack systems	80
AURVTP018	Rectify vehicle multi-layer and pearl paint faults using two-pack systems	80
AURVTP019	Prepare and paint plastic and composite vehicle surfaces	20
AURVTP020	De-nib, buff and polish vehicle painted surfaces	20
AURVTP021	Restore vehicle body exterior paint	30
AURVTP023	Apply clear over base two-pack refinishing materials to vehicle body components	45
AURVTP024	Apply clear over base multi-layer and pearl refinishing materials to vehicle body components	45
AURVTP025	Apply water-based refinishing materials to vehicle bodies and substrates	45
AURVTP026	Apply basic airbrush techniques to vehicle body panels	40
AURVTP028	Carry out custom painting techniques to vehicle body panels	90
AURVTP029	Prepare surface and prime repaired body panels	50
AURVTP030	Apply paint to vehicle body panels	90
AURVTP031	Cut and polish painted vehicle body panels	30



Unit Code	Unit Title	Nominal Hours
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	60
AURVTS004	Repair vehicle composite material components	30
AURVTS005	Fabricate vehicle body panels and components	40
AURVTS006	Fabricate automotive and marine trim components	80
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	80
AURVTT005	Select trim and fabric materials	80
AURVTT006	Apply trimming adhesives	20
AURVTT007	Clean plastic trim and fittings of vehicles	15
AURVTT008	Clean vehicle interior trim	15
AURVTT009	Remove and replace vehicle and vessel seats and fittings	20
AURVTT010	Remove and manufacture or repair vehicle head lining	30
AURVTT012	Conduct sewing operations	80
AURVTT013	Fabricate and fit loose and fitted covers to vehicle seats and components	30
AURVTT014	Fabricate and fit marine covers	40
AURVTT015	Fabricate and install canvas products for automotive and marine components	30





Unit Code	Unit Title	Nominal Hours
AURVTT017	Fabricate and install automotive and marine floor coverings	30
AURVTT018	Fabricate and install automotive and marine soft top hoods	60
AURVTT019	Fabricate and install automotive and marine frames, canopies and side curtains	40
AURVTT020	Select and use leather in automotive and marine trimming	80
AURVTT021	Select and apply adhesives in automotive and marine service and repair work	20
AURVTV001	Remove, replace and test non-electrical vehicle components and accessories	40
AURVTW001	Carry out manual metal arc welding on components	30
AURVTW002	Carry out oxyacetylene brazing of components	30
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	30
AURVTW004	Carry out tungsten inert gas welding	30
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	20
AURVTW009	Carry out basic gas metal arc welding	20
AURVTW010	Set up and use welding equipment	40
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting	30



## SAMPLE TRAINING PROGRAMS

The following pages list a range of Sample Training Programs across the different qualification levels within the **AUR Automotive Retail, Service and Repair Training Package** to demonstrate how units might be packaged to meet a particular vocational outcome.

<b>Occupation / Work Function</b>	Automotive Underbody Technician	
<b>Qualification Title</b>	Certificate III in Automotive Underbody Technology	
<b>Qualification Code</b>	AUR32518	
<b>Description</b>	This sample training program is appropriate for a person working in the automotive industry as an underbody mechanic.	
<b>Notes</b>	For advice on how to choose electives others than those listed below, please refer to the Automotive Retail, Service & Repair Training Package (AUR r.5) and its Qualifications Packaging Rules or contact the CMM Automotive on (03) 9425 5761.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	25
AURASA002	Follow safe working practices in an automotive workplace	20
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	40
AURETR025	Test, charge and replace batteries and jump-start vehicles	15
AURLTD004	Diagnose and repair light vehicle steering systems	30
AURLTD005	Diagnose and repair light vehicle suspension systems	30
AURLTJ011	Select light vehicle tyres and wheels for specific applications	30
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	40
AURLTJ013	Remove, inspect and refit light vehicle wheel and tyre assemblies	20
AURLTQ012	Diagnose and repair light vehicle drive shafts	20
AURTTA018	Carry out diagnostic procedures	20
AURTTJ011	Balance wheels and tyres	10
AURTTK002	Use and maintain tools and equipment in an automotive workplace	20



<b>Qualification Title</b>	Certificate III in Automotive Underbody Technology	
<b>Qualification Code</b>	AUR32518	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<i>Electives</i>		
AURAF003	Communicate effectively in an automotive workplace	20
AURAMA001	Work effectively with others in an automotive workplace	20
AURETR012	Test and repair basic electrical circuits	40
AURLLD011	Determine compliance of steering and suspension modifications	25
AURLTD013	Carry out advanced light vehicle wheel alignment operations	30
AURLTD006	Carry out light vehicle wheel alignment operations	40
AURLTJ004	Provide advice on the effects of wheel and tyre combinations	25
AURLTX013	Diagnose and repair light vehicle clutch systems	30
AURTTB001	Inspect and service braking systems	20
AURTTB002	Attach friction materials and radius grind	40
AURTTB013	Machine brake drums and brake disc rotors	40
AURTTB015	Assemble and fit braking system components	80
AURETR136	Diagnose and repair electronically controlled suspension systems	25
AURVTW009	Carry out basic gas metal arc welding	20
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting	30
<b>Total Hours</b>		<b>805</b>



<b>Occupation / Work Function</b>	Automotive Body Repair Team Leader	
<b>Qualification Title</b>	Certificate IV in Automotive Body Repair Technology	
<b>Qualification Code</b>	AUR40718	
<b>Description</b>	This sample training program is appropriate for a person working in the automotive mechanical industry as an automotive body repair team leader	
<b>Notes</b>	For advice on how to choose electives others than those listed below, please refer to the Automotive Retail, Service & Repair Training Package (AUR r.5) and its Qualifications Packaging Rules or contact the CMM Automotive on (03) 9425 5761.	
<b>Unit Code</b>	<b>Unit Title</b>	<b>Hours</b>
<b>Core</b>		
AURAEA003	Monitor environmental and sustainability best practice in an automotive workplace	25
AURAMA005	Manage complex customer issues in an automotive workplace	50
AURANN011	Estimate and quote automotive body repairs	15
AURVNA005	Inspect quality of vehicle repair work	20
AURVTN032	Inspect vehicle damage and determine repair procedures	40
AURVTN035	Apply original equipment manufacturer repair procedures during vehicle repairs	20
<b>Electives</b>		
AURVNN001	Evaluate vehicle bodywork for damage and identify repair requirements	40
AURVNP001	Evaluate vehicle paintwork for damage and identify refinish requirements	40
BSBLDR402	Lead effective workplace relationships	50
BSBRKG304	Maintain business records	30
<b>Total Hours</b>		<b>330</b>



## CONTACTS AND LINKS

Curriculum Maintenance Manager (CMM)		
Engineering Industries - Automotive >	<p>The CMM Service is provided by Executive Officers, across all industry areas covered by Training Packages.</p> <p>They can assist with questions on payable and nominal hours.</p>	<p>Pat Thornton</p> <p>Address: Private Bag 299, Somerton Vic 3062</p> <p>Phone/fax: 9425 5761</p> <p>Email: pthornton@kangan.edu.au</p>
Skills Service Organisation (SSO)		
PwC Skills for Australia	<p>This SSO is responsible for developing this <b>AUR Automotive Retail, Service &amp; Repair Training Package</b>, companion volumes and support material and can be contacted for further information.</p>	<p>Info line: 1800 714 819</p> <p>The SSO website can be found <a href="#">here</a>&gt;</p>
National Register for VET in Australia		
Training.gov.au (TGA)	<p>TGA is the Australian government's official National Register of information on Training Packages, Accredited Courses, qualifications, units of competency and RTOs.</p>	<p>National Register website can be found <a href="#">here</a>.</p>
Australian Government		
Department of Education and Training	<p>The Commonwealth Department is responsible for national policies and programmes that help Australians access quality vocational education and training.</p>	<p>The Commonwealth Department of Education and Training website can be found <a href="#">here</a></p>
Victorian State Government		
Department of Education and Training (DET)	<p>DET is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships policy.</p>	<p>(03) 9637 2000</p> <p>The Victorian Department of Education and Training website can be found <a href="#">here</a></p>
National VET Regulatory Authority		
Australian Skills Quality Authority (ASQA)	<p>ASQA is the national regulator for Australia's VET sector.</p>	<p>Info line: 1300 701 801</p> <p>ASQA's website can be found <a href="#">here</a></p>
Victorian State VET Regulatory Authority		



Victorian Registration and Qualifications Authority (VRQA)	The VRQA is a statutory authority responsible for the registration and regulation of Victorian RTOs and for the regulation of apprenticeships and traineeships in Victoria.	(03) 9637 2806  VRQA's website can be found <a href="#">here</a>
<b>Industry Regulatory Bodies applicable to this Training Package</b>		
Automotive Alternative Fuels Registration Board (AAFRB)	The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package.	Address: P.O.Box 3114 Auburn, Vic 3123 Phone/fax: (03) 9818 4304/(03) 9815 1540 AAFRB website can be found <a href="#">here</a> :
Australian Refrigeration Council Ltd.	The industry Regulatory body can provide advice on licensing, legislative or regulatory requirements which may impact on the delivery of training or the issuance of qualifications in this Training Package.	Address: Locked Bag 3033, Box Hill, Vic, 3128  Level 2, 818 Whitehorse Road, Box Hill 3128 Phone/fax: 1300 88 44 83 /  1300 55 40 23  Email:  <a href="mailto:enquire@arctick.org">enquire@arctick.org</a>  Arctick website can be found <a href="#">here</a> :

## GLOSSARY

<b>Code</b>	Nationally endorsed Training Package qualification code.
<b>Title</b>	Nationally endorsed Training Package qualification title.
<b>Unit Code</b>	Nationally endorsed Training Package unit of competency code.
<b>Unit Title</b>	Nationally endorsed Training Package unit of competency title.
<b>Payable Hours</b>	The maximum number of hours the Victorian Government will subsidise under the Victorian Training Guarantee for the achievement of the minimum realistic vocational outcome of any qualification, as determined by the qualification packaging rules. The maximum payable hours do not cover every possible combination of core and elective units available for a specific qualification.
<b>Nominal Hours</b>	Nominal hours reflect the anticipated time taken to deliver and assess the outcomes of a unit of competency excluding unsupervised delivery or the time taken for repeated practical application of skills. Nominal hours are determined by the Victorian State Training Authority (DET) and are primarily developed for funding purposes in Victoria.

