**Victorian Purchasing Guide**

**for**

 **AUR12 Automotive Industry Retail, Service & Repair Training Package**

**Version No 1.0**

 **2013**

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Victorian Purchasing Guide ⎯ Version History

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| --- | --- | --- |
| Training Package Version  | Date VPGApproved | Comments |
| AUR12 Automotive Industry Retail, Service & Repair Training Package Version 1 |  2013 | This Victorian Purchasing Guide reflects the changes made to (AUR12 Automotive Industry Retail, Service & Repair Training Package 1). This is a new Training Package which contains 54 new and 2 revised qualifications. 94 new units. 489 revised units.Recoding of all units of competency to conform with the Training Package Development Handbook.For more information, refer to the modification history and summary mapping in the AUR12 Training Package Version 1. |
| AUR05 Automotive Industry Retail, Service & Repair Training Package Version 4 | 8 May 2012 | This Victorian Purchasing Guide reflects the changes made to AUR05 Automotive Industry Retail, Service and Repair Training Package 4**Changes Include:**Two new qualifications: 1 revised qualification: 3 new skill sets Changes to units include: * 35 new AUR units
* 3 AUR units updated to B version
* 11 AUR units deleted
* 4 new imported units
* 3 discontinued imported units deleted
* 59 imported units updated/replaced with new units
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**AUR12 Automotive Industry 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 nominal hour range (minimum-maximum) available for each qualification.
* Nominal hours for each unit of competency within the Training Package.
* Sample Training Programs

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 Quality Framework (AQF).

The VRQA is the regulatory authority for Victoria that registers VET training organisations who provide courses to domestic students only and who only offer training in Victoria.

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** | **Qualification Nominal Hour Range**  |
| --- | --- | --- |
| **Minimum** | **Maximum** |
| AUR10112 | Certificate I in Automotive Vocational Preparation | 105 | 140 |
| AUR20112 | Certificate II in Automotive Administration | 175 | 245 |
| AUR20212 | Certificate II in Automotive Air Conditioning Technology | 315 | 355 |
| AUR20312 | Certificate II in Bicycle Mechanical Technology | 250 | 390 |
| AUR20412 | Certificate II in Automotive Electrical Technology | 370 | 485 |
| AUR20512 | Certificate II in Automotive Servicing Technology | 275 | 390 |
| AUR20612 | Certificate II in Marine Mechanical Technology | 290 | 415 |
| AUR20712 | Certificate II in Automotive Vocational Preparation | 220 | 260 |
| AUR20812 | Certificate II in Outdoor Power Equipment Technology | 217 | 306 |
| AUR20912 | Certificate II in Automotive Body Repair Technology | 280 | 480 |
| AUR21012 | Certificate II in Motorsport Technology | 295 | 600 |
| AUR21112 | Certificate II in Automotive Sales | 220 | 340 |
| AUR21212 | Certificate II in Automotive Underbody Technology | 275 | 355 |
| AUR21312 | Certificate II in Automotive Braking System Technology | 240 | 280 |
| AUR21412 | Certificate II in Automotive Cooling System Technology | 305 | 375 |
| AUR21512 | Certificate II in Automotive Cylinder Head Reconditioning | 360 | 460 |
| AUR21612 | Certificate II in Automotive Driveline System Technology | 190 | 245 |
| AUR21712 | Certificate II in Automotive Exhaust System Technology | 315 | 365 |
| AUR21812 | Certificate II in Automotive Steering and Suspension System Technology | 200 | 250 |
| AUR21912 | Certificate II in Automotive Tyre Servicing Technology | 255 | 320 |
| AUR30112  | Certificate III in Automotive Administration  | 420 | 520 |
| AUR30212  | Certificate III in Bicycle Workshop Operations  | 535 | 745 |
| AUR30312  | Certificate III in Automotive Electrical Technology  | 910 | 1160 |
| AUR30412  | Certificate III in Agricultural Mechanical Technology  | 995 | 1264 |
| AUR30512  | Certificate III in Marine Mechanical Technology  | 750 | 1165 |
| AUR30612  | Certificate III in Light Vehicle Mechanical Technology  | 860 | 1285 |
| AUR30712  | Certificate III in Outdoor Power Equipment Technology  | 857 | 1177 |
| AUR30812  | Certificate III in Motorcycle Mechanical Technology  | 935 | 1065 |
| AUR30912  | Certificate III in Motorsport Technology  | 845 | 1235 |
| AUR31012  | Certificate III in Automotive Sales  | 470 | 660 |
| AUR31112  | Certificate III in Heavy Commercial Vehicle Mechanical Technology  | 985 | 1280 |
| AUR31212  | Certificate III in Mobile Plant Technology  | 1090 | 1284 |
| AUR31312  | Certificate III in Automotive Engine Reconditioning  | 1105 | 1205 |
| AUR31412  | Certificate III in Automotive Diesel Fuel Technology  | 600 | 784 |
| AUR31512  | Certificate III in Automotive Diesel Engine Technology  | 935 | 1100 |
| AUR31612  | Certificate III in Automotive Drivetrain Technology  | 620 | 830 |
| AUR31712  | Certificate III in Forklift Technology  | 670 | 1004 |
| AUR31812  | Certificate III in Heavy Commercial Trailer Technology  | 735 | 930 |
| AUR31912  | Certificate III in Elevating Work Platform Technology  | 915 | 1100 |
| AUR32012  | Certificate III in Automotive Alternative Fuel Technology  | 540 | 760 |
| AUR32112  | Certificate III in Automotive Body Repair Technology  | 975 | 1120 |
| AUR32212  | Certificate III in Automotive Glazing Technology  | 555 | 740 |
| AUR32312  | Certificate III in Automotive and Marine Trimming Technology  | 945 | 1114 |
| AUR32412  | Certificate III in Automotive Refinishing Technology  | 920 | 1120 |
| AUR32512  | Certificate III in Automotive Underbody Technology  | 630 | 865 |
| AUR40112 | Certificate IV in Automotive Management | 340 | 425 |
| AUR40212 | Certificate IV in Automotive Mechanical Diagnosis | 390 | 540 |
| AUR40312 | Certificate IV in Motorsport Technology | 410 | 650 |
| AUR40412 | Certificate IV in Automotive Performance Enhancement | 405 | 645 |
| AUR40512 | Certificate IV in Loss Assessing | 650 | 730 |
| AUR40612 | Certificate IV in Automotive Electrical Technology  | 355 | 580 |
| AUR40712 | Certificate IV in Automotive Body Repair Technology  | 245 | 345 |
| AUR40812 | Certificate IV in Automotive Mechanical Overhauling  | 400 | 660 |
| AUR50112 | Diploma of Automotive Management | 630 | 840 |
| AUR50212 | Diploma of Automotive Technology | 660 | 760 |
| AUR50312 | Diploma of Motorsport | 520 | 560 |

UNITS OF COMPETENCY AND NOMINAL HOURS

RTOs are advised that there is a mapping inside the Training Package that describes the relationship between new units and superseded or replaced units from the previous version of AUR05 Automotive Industry Retail, Service and Repair Training Package. Information regarding transition arrangements can be obtained from the state or national VET Regulating Authority (see Contacts and Links section).

You must be sure that all training and assessment leading to qualifications or Statements of Attainment from the Training Package is conducted against the Training Package units of competency and complies with the requirements in the assessment guidelines.

Listing of the Units of Competency and Nominal Hours

| Unit Code | Unit Title | Nominal Hours |
| --- | --- | --- |
| AURAAA2001  | Work in an automotive administration environment  | 20 |
| AURAAA4002  | Determine retail rates for work  | 60 |
| AURACA2001  | Establish relations with customers  | 20 |
| AURACA3002  | Establish customer requirements of a complex nature  | 40 |
| AURACA3003  | Build customer relations  | 20 |
| AURAEA1001  | Identify environmental requirements in an automotive workplace  | 25 |
| AURAEA2002  | Apply environment and sustainability best practice in an automotive workplace  | 25 |
| AURAEA3003  | Monitor environmental and sustainability best practice in the automotive mechanical industry  | 25 |
| AURAEA4004  | Manage environmental compliance in an automotive workplace  | 30 |
| AURAFA2001  | Use numbers in an automotive workplace  | 10 |
| AURAFA2002  | Read in an automotive workplace  | 10 |
| AURAFA2003  | Communicate effectively in an automotive workplace  | 20 |
| AURAFA2004  | Solve routine problems in an automotive workplace  | 20 |
| AURAFA2005  | Write routine texts in an automotive workplace  | 10 |
| AURAFA3008  | Read and apply automotive repair instructions  | 20 |
| AURAFA5006  | Prepare technical reports  | 40 |
| AURAFA5007  | Develop and document specifications and procedures  | 40 |
| AURAKA2001  | Use information technology systems  | 30 |
| AURAKA3002  | Adapt work processes to new technologies  | 40 |
| AURALA3001  | Determine legal aspects of an automotive service and repair contract  | 40 |
| AURAMA2001  | Work effectively with others  | 20 |
| AURAMA2002  | Communicate business information  | 20 |
| AURAMA3003  | Conduct information sessions  | 25 |
| AURAMA3004  | Maintain business image  | 15 |
| AURAMA4005  | Manage complex customer issues  | 50 |
| AURAMA5006  | Contribute to business improvement  | 120 |
| AURANN4001  | Prepare a vehicle repair quotation  | 15 |
| AURAQA2001  | Contribute to quality work outcomes  | 20 |
| AURAQA3002  | Inspect technical quality of work  | 40 |
| AURAQA3003  | Maintain quality systems  | 40 |
| AURASA1001  | Apply automotive workplace safety fundamentals  | 10 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURATA2001  | Identify basic automotive faults using troubleshooting processes  | 20 |
| AURATA2002  | Read and interpret engineering drawings  | 40 |
| AURATA2003  | Produce drawings from design concepts  | 100 |
| AURATA3004  | Provide technical guidance  | 40 |
| AURATA3005  | Estimate complex jobs  | 30 |
| AURBCA2001  | Work in a retail bicycle environment  | 10 |
| AURBCA2002  | Select and adjust bicycle to fit rider  | 5 |
| AURBSA3001  | Conduct cycling proficiency training  | 15 |
| AURBTA1001  | Remove and tag bicycle components  | 5 |
| AURBTA1002  | Adjust bicycles  | 10 |
| AURBTA2003  | Assemble bicycles  | 30 |
| AURBTA2004  | Assemble box bicycles for retail sale  | 20 |
| AURBTA3005  | Restore bicycles  | 30 |
| AURBTA3006  | Identify and select components for custom bicycles  | 20 |
| AURBTA3007  | Provide mechanical support to cycling events  | 20 |
| AURBTB2001  | Service and repair bicycle mechanical braking systems  | 30 |
| AURBTB2002  | Service bicycle hydraulic braking systems  | 20 |
| AURBTB3003  | Repair bicycle hydraulic braking systems  | 10 |
| AURBTD2001  | Service bicycle steering systems  | 15 |
| AURBTD2002  | Service bicycle suspension systems  | 20 |
| AURBTD3003  | Repair and overhaul bicycle steering systems  | 30 |
| AURBTD3004  | Repair and overhaul bicycle suspension systems  | 40 |
| AURBTJ2001  | Remove, repair and fit bicycle tyres  | 10 |
| AURBTJ2002  | Service bicycle wheels and hubs  | 15 |
| AURBTJ3003  | Design and build bicycle wheels  | 25 |
| AURBTJ3004  | Repair and overhaul bicycle wheels and hubs  | 25 |
| AURBTK2001  | Use and maintain specialised bicycle repair tools  | 10 |
| AURBTQ2001  | Service bicycle drivetrain systems  | 15 |
| AURBTQ3002  | Repair bicycle drivetrain systems  | 25 |
| AURBTR3001  | Service electric power assist bicycles  | 20 |
| AURBTV2001  | Fit and adjust bicycle accessories  | 15 |
| AURBTY3001  | Service and repair bicycle frames  | 45 |
| AURBTY4002  | Design and build bicycle frames  | 30 |
| AURBTY4003  | Assess carbon fibre frames for repair  | 30 |
| AURETA5001  | Analyse and evaluate electrical and electronic faults in electric over-hydraulic systems  | 60 |
| AURETA5002  | Analyse and evaluate electrical and electronic faults in safety systems  | 60 |
| AURETA5003  | Analyse and evaluate electrical and electronic faults in monitoring and protection systems  | 60 |
| AURETA5004  | Analyse and evaluate electrical and electronic faults in convenience and entertainment systems  | 60 |
| AURETA5005  | Analyse and evaluate electrical and electronic faults in theft-deterrent systems  | 60 |
| AURETA5006  | Analyse and evaluate electrical and electronic faults in climate-control systems  | 60 |
| AURETB3001  | Repair electric braking systems  | 20 |
| AURETB5002  | Analyse and evaluate electrical and electronic faults in braking systems  | 60 |
| AURETD3001  | Service and repair electronically controlled steering systems  | 25 |
| AURETD5002  | Analyse and evaluate electrical and electronic faults in stability, steering and suspension systems  | 60 |
| AURETE5001  | Analyse and evaluate electrical and electronic faults in engine management systems  | 60 |
| AURETH3001  | Depower battery electric vehicles  | 10 |
| AURETH3002  | Service and maintain battery electric vehicles  | 20 |
| AURETH4003  | Test and repair high voltage battery systems in battery electric vehicles  | 30 |
| AURETH4004  | Diagnose and repair traction motor speed control device in battery electric vehicles  | 30 |
| AURETH4005  | 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 |
| AURETH4007  | 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 |
| AURETH4009  | Diagnose and repair DC to DC converters in battery electric vehicles  | 40 |
| AURETH4010  | Test high voltage batteries in hybrid electric vehicles  | 15 |
| AURETH4011  | Deactivate and reinitialise power supply in hybrid electric vehicles  | 20 |
| AURETH4012  | Service and maintain electrical components in hybrid electric vehicles  | 30 |
| AURETH4014  | Diagnose complex faults in battery electric and hybrid electric vehicle systems  | 50 |
| AURETH5013  | Analyse and evaluate electrical and electronic faults in battery electric and hybrid vehicle systems  | 60 |
| AURETK1001  | Identify, select and use low voltage electrical test equipment  | 10 |
| AURETK2002  | Use and maintain automotive electrical test equipment  | 20 |
| AURETR1001  | Remove and tag automotive electrical system components  | 10 |
| AURETR1002  | Test, service and maintain battery storage systems  | 10 |
| AURETR1003  | Apply automotive electrical system fundamentals  | 10 |
| AURETR2005  | Install, test and repair electrical security systems and components  | 40 |
| AURETR2006  | Carry out soldering of electrical wiring and circuits  | 20 |
| AURETR2007  | Demonstrate knowledge of automotive electrical circuits and wiring systems  | 20 |
| AURETR2008  | Remove and replace electrical units and assemblies  | 15 |
| AURETR2009  | Install, test and repair vehicle lighting and wiring systems  | 40 |
| AURETR2010  | Fabricate, test and repair wiring harnesses and looms  | 40 |
| AURETR2011  | Install and test basic ancillary electrical components  | 40 |
| AURETR2012  | Test and repair basic electrical circuits  | 40 |
| AURETR2013  | Inspect and service charging systems  | 10 |
| AURETR2014  | Inspect and service starting systems  | 10 |
| AURETR2015  | Inspect and service batteries  | 10 |
| AURETR2016  | Read and apply vehicle wiring schematics and drawings  | 15 |
| AURETR2035  | Demonstrate knowledge of petrol and diesel engine operation  | 15 |
| AURETR2042  | Remove, refit and test electrical componentry for operation following body repair activities  | 20 |
| AURETR3017  | Overhaul charging system alternators  | 20 |
| AURETR3018  | Overhaul starting motors  | 20 |
| AURETR3019  | Inspect, service and repair AC electric motor drive systems  | 150 |
| AURETR3020  | Repair electronic systems  | 40 |
| AURETR3021  | Inspect, service and repair electronic management, monitoring and tracking systems  | 40 |
| AURETR3022  | Diagnose and repair vehicle dynamic control systems  | 70 |
| AURETR3023  | Diagnose and repair electronic spark ignition engine management systems  | 60 |
| AURETR3024  | Diagnose and repair electronic compression ignition engine management systems  | 50 |
| AURETR3025  | Test, charge and replace batteries  | 15 |
| AURETR3026  | Remove, replace and program electrical and electronic units and assemblies  | 30 |
| AURETR3027  | Install ancillary electronic control unit systems and components  | 40 |
| AURETR3028  | Diagnose and repair instruments and warning systems  | 40 |
| AURETR3029  | Diagnose and repair charging systems  | 30 |
| AURETR3030 | Diagnose and repair starting systems  | 30 |
| AURETR3031  | Diagnose and repair ignition systems  | 30 |
| AURETR3032  | Repair electrical systems  | 80 |
| AURETR3036  | Service and repair electronically controlled suspension systems  | 25 |
| AURETR3043  | Service and repair electronic body management systems  | 40 |
| AURETR3044  | Service and repair electronic drive management systems  | 50 |
| AURETR4004  | Diagnose complex electrical and electronic faults in vehicle convenience and entertainment systems  | 50 |
| AURETR4037  | Diagnose complex electrical and electronic faults in light vehicle safety systems  | 50 |
| AURETR4038  | Diagnose complex faults in motorcycle electrical and electronic systems  | 50 |
| AURETR4039  | Diagnose complex electrical and electronic faults in light vehicle theft deterrent systems  | 50 |
| AURETR4040  | Diagnose complex electrical and electronic faults in vehicle monitoring and protection systems  | 50 |
| AURETR5033  | Develop and apply electronic systems modification  | 80 |
| AURETR5034  | Develop and apply electrical systems modification  | 80 |
| AURETU2001  | Install air conditioning systems  | 30 |
| AURETU2002  | Recover vehicle refrigerants  | 10 |
| AURETU2003  | Service air conditioning and HVAC systems  | 25 |
| AURETU3004  | Diagnose and repair air conditioning and HVAC systems  | 35 |
| AURETU3005  | Retrofit and modify air conditioning and HVAC systems  | 30 |
| AURETU4006  | Diagnose complex faults in air conditioning and HVAC systems  | 50 |
| AURETU4007  | Overhaul air conditioning system components  | 30 |
| AURETX5001  | Analyse and evaluate electrical and electronic faults in transmission and driveline systems  | 60 |
| AURHTA1001  | Carry out heavy vehicle pre-repair operations  | 10 |
| AURHTA2003  | Remove and replace heavy commercial vehicle ancillary components and accessories  | 20 |
| AURHTA3002  | Service and repair trailers in excess of 4.5 tonnes  | 20 |
| AURHTB3001  | Repair air braking systems  | 50 |
| AURHTB3002  | Diagnose and repair heavy vehicle hydraulic braking systems  | 40 |
| AURHTB3007  | Diagnose and repair heavy vehicle electronic braking systems  | 40 |
| AURHTB4003  | Overhaul braking system components (heavy)  | 40 |
| AURHTB4004  | Overhaul air braking systems and components  | 55 |
| AURHTB4006  | Diagnose complex faults in heavy commercial vehicle braking systems  | 50 |
| AURHTB5005  | Analyse and evaluate heavy vehicle braking system faults  | 60 |
| AURHTD2001  | Inspect and service heavy commercial vehicle suspension systems  | 10 |
| AURHTD3002  | Repair steering systems (heavy vehicle)  | 40 |
| AURHTD3003  | Repair suspension systems (heavy vehicle)  | 40 |
| AURHTD3004  | Carry out wheel alignment operations (heavy vehicle)  | 50 |
| AURHTD4006  | Diagnose complex faults in heavy commercial vehicle steering and suspension systems  | 50 |
| AURHTD5005  | Analyse and evaluate heavy vehicle steering and suspension system faults  | 60 |
| AURHTE2001  | Remove and install heavy vehicle engine assemblies  | 35 |
| AURHTE3002  | Repair engines and associated engine components (heavy vehicle)  | 70 |
| AURHTE4003  | Diagnose complex faults in heavy vehicle diesel engines  | 50 |
| AURHTE5004  | Analyse and evaluate heavy vehicle engine and fuel system faults  | 60 |
| AURHTF2001  | Inspect heavy commercial vehicle fuel systems and components  | 20 |
| AURHTJ1001  | Inspect heavy commercial vehicle wheels and tyres  | 10 |
| AURHTJ2002  | Select heavy vehicle tyres and rims for specific applications  | 20 |
| AURHTJ2003  | Remove, inspect, and fit heavy vehicle wheel assemblies  | 20 |
| AURHTJ2004  | Demount, inspect, repair and mount agricultural equipment tyres and tubes  | 40 |
| AURHTJ2006  | Remove, inspect, repair and fit tyres and tubes (heavy)  | 40 |
| AURHTJ3005  | Identify and apply pneumatic wheeled traction performance enhancement systems (heavy vehicle)  | 15 |
| AURHTL4001  | Inspect, repair and diagnose alternative fuel systems for heavy vehicle engines  | 60 |
| AURHTQ2001  | Inspect heavy commercial vehicle driveline components  | 5 |
| AURHTQ3002  | Repair final drive assemblies (heavy vehicle)  | 30 |
| AURHTQ3003  | Repair final drive – driveline (heavy vehicle)  | 30 |
| AURHTR3005  | Diagnose and repair heavy trailer electronically controlled roll stability systems  | 25 |
| AURHTX3001  | Repair transmissions – manual (heavy vehicle)  | 50 |
| AURHTX3002  | Inspect, test and replace transmissions - automatic (heavy vehicle)  | 70 |
| AURHTX3003  | Repair transmissions - automatic (heavy vehicle)  | 60 |
| AURHTX3004  | Diagnose and repair heavy vehicle clutch systems  | 35 |
| AURHTX4006  | Diagnose complex faults in heavy commercial vehicle transmission and driveline systems  | 50 |
| AURHTX5005  | Analyse and evaluate heavy vehicle transmission system faults  | 60 |
| AURHTY2001  | 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  | 15 |
| AURHTZ3001  | Diagnose and repair heavy vehicle emission control systems  | 20 |
| AURJTA1001  | Perform minor adjustments to motorcycles  | 10 |
| AURJTA1002  | Remove and replace motorcycle components and accessories  | 10 |
| AURJTA5003  | Analyse and evaluate motorcycle engine and transmission system faults  | 60 |
| AURJTB3001  | Diagnose and repair motorcycle braking systems  | 40 |
| AURJTB5002  | Analyse and evaluate motorcycle braking system faults  | 60 |
| AURJTD2001  | Inspect and service motorcycle suspension systems  | 10 |
| AURJTD2002  | Inspect and service motorcycle steering systems  | 10 |
| AURJTD3003  | Diagnose and repair motorcycle suspension systems  | 25 |
| AURJTD3004  | Diagnose and repair motorcycle steering systems  | 25 |
| AURJTD4005  | Diagnose complex faults in motorcycle steering and suspension systems  | 50 |
| AURJTD5006  | Analyse and evaluate motorcycle steering, suspension and frame system faults  | 60 |
| AURJTE3001  | Diagnose and repair motorcycle engines  | 60 |
| AURJTE4002  | Diagnose complex faults in motorcycle engine and transmission systems  | 50 |
| AURJTJ2001  | Remove, inspect and fit motorcycle wheel assemblies  | 20 |
| AURJTQ2001  | Inspect and service motorcycle driveline systems  | 5 |
| AURJTQ3002  | Diagnose and repair motorcycle driveline systems  | 20 |
| AURJTR5001  | Analyse and evaluate motorcycle electrical and electronic system faults  | 60 |
| AURJTX3001  | Diagnose and repair motorcycle clutch systems  | 30 |
| AURJTX3002  | Diagnose and repair motorcycle manual transmissions  | 40 |
| AURJTX3003  | Diagnose and repair motorcycle automatic transmissions  | 50 |
| AURJTY3001  | Repair and align motorcycle frames  | 15 |
| AURKTA3001  | Synchronise plant and equipment  | 40 |
| AURKTA3002  | Inspect, service and repair harvesting equipment  | 40 |
| AURKTA3003  | Inspect, service and repair crop planting and seeding equipment  | 40 |
| AURKTA3004  | Inspect, service and repair spraying and spreading equipment  | 40 |
| AURKTA3005  | Inspect, service and repair tracked type drive and support systems  | 30 |
| AURKTA4009  | Diagnose complex faults in mobile plant hydraulic systems  | 50 |
| AURKTA5006  | Analyse and evaluate tracked mobile plant transmission, steering and braking systems faults  | 60 |
| AURKTA5007  | Analyse and evaluate mobile plant hydraulic system faults  | 60 |
| AURKTB3001  | Diagnose and repair mobile plant braking systems  | 40 |
| AURKTB4003  | Diagnose complex faults in mobile plant braking systems  | 50 |
| AURKTB5002  | Analyse and evaluate wheeled mobile plant braking system faults  | 60 |
| AURKTD3001  | Diagnose and repair mobile plant suspension systems  | 40 |
| AURKTD3002  | Diagnose and repair mobile plant steering systems  | 40 |
| AURKTD4005  | Diagnose complex faults in mobile plant steering and suspension systems  | 50 |
| AURKTD5003  | Analyse and evaluate wheeled mobile plant steering and suspension system faults  | 60 |
| AURKTD5004  | Analyse and evaluate tracked mobile plant undercarriage and suspension system faults  | 60 |
| AURKTE5001  | Analyse and evaluate mobile plant engine and fuel system faults  | 60 |
| AURKTQ3001  | Diagnose and repair mobile plant final drive assemblies  | 30 |
| AURKTR3001  | Diagnose and repair electric-over-hydraulic control systems  | 40 |
| AURKTX3001  | Diagnose and repair powershift transmissions  | 50 |
| AURKTX4003  | Diagnose complex faults in mobile plant transmission systems  | 50 |
| AURKTX5002  | Analyse and evaluate wheeled mobile plant transmission system faults  | 60 |
| AURLLD3001  | Determine compliance of steering and suspension modifications  | 25 |
| AURLTA1001  | Apply automotive mechanical system fundamentals  | 15 |
| AURLTB3003  | Diagnose and repair light vehicle hydraulic braking systems  | 40 |
| AURLTB4001  | Overhaul braking system components (light)  | 40 |
| AURLTB4004  | Diagnose complex faults in light vehicle braking systems  | 50 |
| AURLTB5002  | Analyse and evaluate light vehicle braking system faults  | 60 |
| AURLTD3001  | Select and install performance enhanced suspension system products  | 50 |
| AURLTD3002  | Service and rectify faults in lift assisted suspension systems  | 30 |
| AURLTD3003  | Reset steering system alignment adjustments to customer specifications  | 30 |
| AURLTD3004  | Repair steering systems (light vehicle)  | 30 |
| AURLTD3005  | Repair suspension systems (light vehicle)  | 30 |
| AURLTD3006  | Carry out wheel alignment operations (light vehicle)  | 40 |
| AURLTD4009  | Diagnose complex faults in light vehicle steering and suspension systems  | 50 |
| AURLTD5007  | Analyse and evaluate light vehicle steering and suspension system faults  | 60 |
| AURLTE2001  | Remove and install light vehicle engine assemblies  | 30 |
| AURLTE3002  | Repair engines and associated engine components (light vehicle)  | 60 |
| AURLTE4004  | Diagnose complex faults in light vehicle petrol engines  | 50 |
| AURLTE4005  | Diagnose complex faults in light vehicle diesel engines  | 50 |
| AURLTE5003  | Analyse and evaluate light vehicle engine and fuel system faults  | 60 |
| AURLTF3001  | Diagnose and repair mechanical fuel injection systems  | 50 |
| AURLTJ2001  | Select tyres and rims for specific applications (light)  | 30 |
| AURLTJ2002  | Remove, inspect, repair and fit tyres and tubes (light)  | 40 |
| AURLTJ2003  | Remove, inspect, and refit light vehicle wheel assemblies  | 20 |
| AURLTJ3004  | Provide advice on the effects of wheel and tyre combinations  | 25 |
| AURLTQ3001  | Repair final drive assemblies (light vehicle)  | 20 |
| AURLTQ3002  | Repair final drive – driveline (light vehicle)  | 20 |
| AURLTQ5003  | Analyse and evaluate light vehicle driveline system faults  | 60 |
| AURLTX3001  | Repair transmissions - manual (light vehicle)  | 40 |
| AURLTX3002  | Repair transmissions - automatic (light vehicle)  | 50 |
| AURLTX3003  | Diagnose and repair light vehicle clutch systems  | 30 |
| AURLTX4004  | Diagnose complex faults in light vehicle transmission and driveline systems  | 50 |
| AURLTZ3001  | Diagnose and repair light vehicle emission control systems  | 20 |
| AURMBA2001  | Transport a light competition vehicle and support equipment  | 10 |
| AURMBA3002  | Load and unload a competition vehicle and support equipment  | 20 |
| AURMCA5001  | Manage motorsport team media liaison  | 40 |
| AURMCA5002  | Manage motorsport team promotional partnerships and marketing  | 40 |
| AURMDA2001  | Develop and update motorsport industry knowledge  | 10 |
| AURMDA2002  | Assist with motorsport officiating duties  | 5 |
| AURMTA3009  | Collect and log motorsport data  | 20 |
| AURMDA3004  | Recover a motorsport vehicle  | 10 |
| AURMDA3005  | Act as a marshal in a motorsport event  | 15 |
| AURMDA3006  | Communicate using flags and signals in a motorsport event  | 5 |
| AURMDA3007  | Act as a steward in a motorsport event  | 20 |
| AURMMA3008  | Coordinate operations of a motorsport team  | 40 |
| AURMGA2001  | Set up and dismantle temporary work location and equipment  | 20 |
| AURMGA4002  | Manage personal presentation and development  | 40 |
| AURMKA4001  | Manage motorsport data  | 40 |
| AURMLA2001  | Comply with motorsport rules and regulations when officiating  | 10 |
| AURMLA3002  | Monitor compliance with motorsport rules and regulations  | 15 |
| AURMLA3003  | Inspect motorsport vehicles and equipment for compliance  | 20 |
| AURMMA2001  | Operate in a motorsport environment  | 20 |
| AURMMA4002  | Manage the preparation of a competition vehicle  | 40 |
| AURMMA5003  | Manage motorsport operations  | 60 |
| AURMMA5004  | Manage motorsport team development  | 60 |
| AURMMA5005  | Manage team pit lane and service area operations  | 40 |
| AURMMA5006  | Prepare and implement race strategies  | 20 |
| AURMSA2001  | Follow motorsport safety and risk management procedures  | 10 |
| AURMSA3002  | Implement and monitor safety and risk management in a motorsport environment  | 20 |
| AURMMA3007 | Follow motorsport event and team safety requirements  | 20 |
| AURMTA2001  | Prepare and service a light competition vehicle  | 20 |
| AURMTA3002  | Assemble and prepare a competition vehicle  | 60 |
| AURMTA3004  | Perform competition vehicle preparation procedures at an event  | 40 |
| AURMTA3005  | Perform pit lane and service area operations  | 20 |
| AURMTA3006  | Perform torquing and fastening  | 20 |
| AURMTA3007  | Conduct non-destructive testing | 20 |
| AURMTA3009  | Collect and log motorsport data  | 20 |
| AURMTA5003 | Determine material suitability for competition vehicle components  | 80 |
| AURMTA5008  | Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles  | 40 |
| AURMTD4001  | Test suspension dampers using a dynamometer  | 40 |
| AURMTD4002  | Prepare competition vehicle suspension  | 30 |
| AURMTE4001  | Test engines using a dynamometer  | 40 |
| AURMTF4001  | Analyse and repair complex performance carburetted fuel systems  | 20 |
| AURMTF4002  | Analyse and repair performance fuel injection systems  | 20 |
| AURMTJ4001  | Select and prepare tyres and wheels for motorsport applications  | 20 |
| AURMTQ4001  | Analyse and repair complex performance driveline systems  | 40 |
| AURMTS3001  | Construct hose and pipe assemblies for competition vehicles  | 20 |
| AURNTA3001  | Inspect, service and repair lift truck mast assemblies  | 10 |
| AURPTA1001  | Carry out pre-repair operations to outdoor power equipment  | 5 |
| AURPTA1002  | Perform minor adjustments to outdoor power equipment  | 10 |
| AURPTA2003  | Service and repair rotary cutting systems  | 8 |
| AURPTA2004  | Service and repair drum cutting systems  | 25 |
| AURPTA2005  | Service and repair chainsaw cutting systems  | 25 |
| AURPTA2006  | Service line trimming systems and components  | 8 |
| AURPTA2007  | Service and repair post-boring systems  | 13 |
| AURPTA2008  | Service and repair post-hole digging systems  | 15 |
| AURPTA2009  | Service and repair reciprocating cutting systems  | 13 |
| AURPTA2010  | Service pumping systems  | 20 |
| AURPTA3011  | Repair pumping systems  | 30 |
| AURPTR2002 | Test and service outdoor electric powered equipment  | 20 |
| AURPTE2002  | Service engines and engine components (outdoor power equipment)  | 20 |
| AURPTE3003  | Repair engines and engine components (outdoor power equipment)  | 30 |
| AURPTE4004  | Overhaul engines and engine components (outdoor power equipment)  | 40 |
| AURPTR3001  | Test and service 240V portable generators  | 10 |
| AURREA2001  | Apply environmental and sustainability best practice in a marine workplace  | 25 |
| AURREA3002  | Monitor environmental and sustainability best practice in the marine mechanical industry  | 25 |
| AURREA4004  | Manage environmental compliance in a marine workplace  | 30 |
| AURRGA3001  | Launch and recover a vessel using a trailer  | 20 |
| AURRGA3002  | Launch and recover a vessel from crane, gantry and forklift  | 50 |
| AURRGA3003  | Moor a motor-driven vessel  | 30 |
| AURRTA2001  | Service deck, hull and cabin equipment  | 15 |
| AURRTA3002  | Carry out hull repairs  | 30 |
| AURRTA3003  | Winterise vessel and engine systems  | 40 |
| AURRTA3004  | Recommission vessel systems  | 30 |
| AURRTA3005  | Repair deck, hull and cabin equipment  | 25 |
| AURRTA3006  | Water test a vessel  | 40 |
| AURRTA5007  | Analyse and evaluate light marine hydraulic system faults  | 60 |
| AURRTA5008  | Analyse and evaluate light marine hull performance and stability system faults  | 60 |
| AURRTD3001  | Diagnose and repair marine steering systems  | 30 |
| AURRTE1001  | Prepare outboard engines for wet-run testing  | 10 |
| AURRTE2002  | Service outboard engines and components  | 20 |
| AURRTE2003  | Service inboard engines and components  | 20 |
| AURRTR3004  | Install marine electrical systems and components  | 10 |
| AURRTE3005  | Diagnose and repair marine electrical systems and components  | 20 |
| AURRTE3006  | Diagnose and repair outboard engines and components  | 40 |
| AURRTE3007  | Diagnose and repair inboard engines and components  | 40 |
| AURRTE3008  | Install marine engines, controls and instruments  | 55 |
| AURRTE3009  | Recommission marine engine systems  | 30 |
| AURRTE3010  | Water test engines in tanks  | 30 |
| AURRTE4011  | Overhaul two and four cycle outboard engines  | 40 |
| AURRTE5012  | Analyse and evaluate light marine engine and powerhead system faults  | 60 |
| AURRTQ2001  | Service inboard propeller drive systems  | 10 |
| AURRTQ2002  | Service jet drive propulsion systems  | 10 |
| AURRTQ3003  | Install inboard propeller drive systems  | 40 |
| AURRTQ3004  | Diagnose and repair inboard propeller drive systems  | 25 |
| AURRTQ3005  | Install jet drive propulsion systems  | 40 |
| AURRTQ3006  | Diagnose and repair jet drive propulsion systems  | 20 |
| AURRTR1001  | Inspect, service and maintain marine battery storage systems  | 10 |
| AURRTR3002  | Install marine electronic systems and components  | 15 |
| AURRTR3003  | Test, diagnose and repair marine electronic systems and components  | 30 |
| AURRTR3004  | Install marine electrical systems and components  | 10 |
| AURRTX2001  | Service marine outboard and stern drive transmissions  | 10 |
| AURRTX2002  | Service marine inboard transmissions  | 10 |
| AURRTX3003  | Diagnose and repair marine outboard and stern drive transmissions  | 30 |
| AURRTX3004  | Diagnose and repair marine inboard transmissions  | 30 |
| AURRTX5005  | Analyse and evaluate light marine transmission system faults  | 60 |
| AURSAA2001  | Process customer complaints  | 20 |
| AURSAA2002  | Maintain customer aftermarket relations  | 20 |
| AURSBA2001  | Carry out warehousing procedures  | 40 |
| AURSBA3002  | Apply automotive parts interpretation process  | 40 |
| AURSCA2001  | Select automotive parts and products  | 100 |
| AURSCA2002  | Present stock and sales area  | 20 |
| AURSCA2003  | Apply sales procedures  | 40 |
| AURSCA2004  | Carry out cash, credit and funds transfers  | 35 |
| AURSCA2005  | Sell products  | 40 |
| AURSCA2006  | Promote products and services  | 20 |
| AURSCA3007  | Determine used motor vehicle stock requirements  | 40 |
| AURSCA3008  | Wholesale used motor vehicle stock  | 40 |
| AURSCA3009  | Provide vehicle technology information  | 20 |
| AURSCA3010  | Appraise and purchase used motor vehicles to supplement stock for sale  | 35 |
| AURSCP2001  | Provide information to customers on automotive refinishing products  | 20 |
| AURSLA2001  | Apply legal requirements relating to product sales  | 15 |
| AURTEA4001  | Manage environmental compliance in the mechanical repair industry  | 30 |
| AURTGA3001  | Drive and manoeuvre trailers  | 5 |
| AURTNA5001  | Estimate and calculate costs to repair, maintain or modify a vehicle  | 40 |
| AURTTA1001  | Remove and tag steering, suspension and brake system components  | 15 |
| AURTTA1002  | Carry out workshop practice activities  | 10 |
| AURTTA1003  | Use and maintain basic measuring devices  | 15 |
| AURTTA2004  | Carry out servicing operations  | 20 |
| AURTTA2005  | Select and use bearings, seals, gaskets, sealants and adhesives  | 10 |
| AURTTA2006  | Service hydraulic systems  | 20 |
| AURTTA2007  | Inspect, service and repair pneumatic systems  | 30 |
| AURTTA2008  | Produce patterns and templates  | 80 |
| AURTTA2009  | Carry out pre-repair operations (mechanical)  | 20 |
| AURTTA2010  | Service and repair trailers up to 4.5 tonnes  | 15 |
| AURTTA3011  | Install hydraulic systems to specified applications  | 74 |
| AURTTA3012  | Manufacture and install fluid power hose assemblies  | 10 |
| AURTTA3013  | Repair hydraulic systems  | 60 |
| AURTTA3014  | Assemble and install pneumatic systems and components  | 20 |
| AURTTA3015  | Prepare engineering drawings  | 80 |
| AURMTA3007  | Conduct non-destructive testing  | 20 |
| AURTTA3017  | Carry out vehicle safety and roadworthy inspections  | 10 |
| AURTTA3018 | Carry out diagnostic procedures  | 20 |
| AURTTA3019  | Carry out advanced diagnostic procedures  | 30 |
| AURTTA3020  | Apply heat-induction processes  | 20 |
| AURTTA4021  | Carry out diagnosis of complex system faults  | 80 |
| AURTTA4025  | Diagnose complex faults in vehicle integrated stability systems  | 50 |
| AURTTA4026  | Diagnose complex faults in vehicle electric-over-hydraulic systems  | 50 |
| AURTTA5022  | Develop and apply mechanical system modifications  | 60 |
| AURTTA5023  | Develop and apply hydraulic system modifications  | 60 |
| AURTTA5024  | Develop and apply pneumatic system modifications  | 60 |
| AURTTB2001  | Inspect and service braking systems  | 20 |
| AURTTB2002  | Attach friction materials and radius grind  | 40 |
| AURTTB2003  | Machine brake drums and brake disc rotors  | 40 |
| AURTTB2004  | Inspect and service air braking systems  | 20 |
| AURTTB3005  | Assemble and fit braking systems and components  | 80 |
| AURTTB3006  | Inspect, service and repair auxiliary braking systems  | 20 |
| AURTTC2001  | Inspect and service cooling systems  | 10 |
| AURTTC2002  | Carry out radiator repairs  | 50 |
| AURTTC3003  | Diagnose and repair cooling systems  | 20 |
| AURTTD2001  | Inspect steering systems  | 10 |
| AURTTD2002  | Inspect and service steering systems  | 10 |
| AURTTD2003  | Inspect suspension systems  | 10 |
| AURTTD2004  | Inspect and service suspension systems  | 10 |
| AURTTD4005  | Overhaul steering system components  | 40 |
| AURTTE1003  | Remove and tag engine system components  | 15 |
| AURTTE2004  | Inspect and service engines  | 20 |
| AURTTE3001  | Apply knowledge of engine science  | 40 |
| AURTTE4005  | Overhaul engines and associated engine components  | 60 |
| AURTTF2001  | Service petrol fuel systems  | 25 |
| AURTTF2002  | Service diesel fuel injection systems  | 20 |
| AURTTF3004  | Repair diesel fuel injection systems  | 80 |
| AURTTF3005  | Inspect and repair engine forced induction systems  | 15 |
| AURTTF3006  | Diagnose and repair petrol carburettor systems  | 50 |
| AURTTF4003  | Overhaul diesel fuel injection systems  | 100 |
| AURTTF4007  | Overhaul petrol fuel system components  | 60 |
| AURTTJ2001  | Balance wheels and tyres  | 10 |
| AURTTJ2002  | Remove and refit wheel hubs and associated brake components  | 20 |
| AURTTK2001  | Use and maintain measuring equipment in an automotive workplace  | 15 |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| AURTTL3001  | Service CNG fuel systems  | 15 |
| AURTTL3002  | Diagnose and repair CNG fuel systems  | 40 |
| AURTTL3003  | Install CNG fuel systems  | 60 |
| AURTTL3004  | Service LNG fuel systems  | 15 |
| AURTTL3005  | Diagnose and repair LNG fuel systems  | 40 |
| AURTTL3006  | Install LNG fuel systems  | 60 |
| AURTTL3007  | Service LPG fuel systems  | 15 |
| AURTTL3008  | Diagnose and repair LPG fuel systems  | 40 |
| AURTTL3009  | Install LPG fuel systems  | 60 |
| AURTTL3010  | Install LPG, CNG and LNG electrical control equipment  | 20 |
| AURTTL4011  | Diagnose complex faults in CNG fuel systems  | 50 |
| AURTTL4012  | Diagnose complex faults in LNG fuel systems  | 50 |
| AURTTL4013  | Diagnose complex faults in LPG fuel systems  | 50 |
| AURTTL5014  | Analyse and evaluate gas fuel system faults  | 60 |
| AURTTL5015  | Develop and apply gas fuel system modifications  | 80 |
| AURTTM3001  | Operate and monitor computer numerical control machines  | 30 |
| AURTTM3002  | Repair bearing tunnels and connecting rods in engines  | 40 |
| AURTTM3003  | Apply metal to rebuild engine components  | 60 |
| AURTTM3004  | Assemble engine blocks and sub-assemblies  | 70 |
| AURTTM3005  | Balance rotating and reciprocating engine components  | 40 |
| AURTTM3006  | Perform advanced machining and blueprinting of engine components | 40 |
| AURTTM3007  | Carry out grinding operations  | 60 |
| AURTTM3008  | Dismantle and evaluate engine blocks and sub-assemblies  | 70 |
| AURTTM3009  | Fit sleeves and bore and hone engine cylinders  | 60 |
| AURTTM3010  | Heat treat, straighten and reclaim engine components  | 40 |
| AURTTM3011  | Recondition engine cylinder heads  | 120 |
| AURTTQ2001  | Service final drive assemblies  | 5 |
| AURTTQ2002  | Remove and refit driveline components  | 5 |
| AURTTQ2003  | Service final drive (driveline)  | 5 |
| AURTTQ4004  | Overhaul final drive assemblies  | 20 |
| AURTTR4001  | Diagnose complex faults in engine management systems  | 50 |
| AURTTS2001  | Fabricate exhaust system and components  | 60 |
| AURTTW2001  | Carry out soft soldering techniques  | 20 |
| AURTTW3002  | Set, operate and monitor specialist machines  | 40 |
| AURTTW3003  | Carry out machining operations  | 80 |
| AURTTX1001  | Remove and tag transmission system components  | 10 |
| AURTTX2002  | Inspect and service transmissions (manual)  | 10 |
| AURTTX2003  | Inspect and service transmissions (automatic)  | 10 |
| AURTTX2004  | Service transmissions (hydrostatic)  | 10 |
| AURTTX2005  | Inspect and service clutch systems  | 10 |
| AURTTX3006  | Repair transmissions (hydrostatic)  | 40 |
| AURTTX4007  | Overhaul clutch assemblies  | 30 |
| AURTTX4008  | Overhaul transmissions (manual)  | 50 |
| AURTTX4009  | Overhaul transmissions (automatic)  | 240 |
| AURTTX4010  | Overhaul transmissions (hydrostatic)  | 50 |
| AURTTX4011  | Overhaul torque converters  | 30 |
| AURTTY3001  | Repair chassis, frame and associated components  | 80 |
| AURTTZ2001  | Inspect and service emission control systems  | 10 |
| AURTTZ2002  | Repair exhaust system components  | 10 |
| AURVEN2001  | Apply environmental regulations and best practice in the body repair industry  | 20 |
| AURVEN3002  | Monitor environmental sustainability best practice in the body repair industry  | 25 |
| AURVEN4003  | Plan and manage compliance with environmental regulations in the body repair industry  | 30 |
| AURVGA3001  | Determine vehicle rescue method and costs  | 30 |
| AURVGA3002  | Recover vehicles  | 30 |
| AURVLA4001  | Identify and report vehicle claim fraud indicators  | 30 |
| AURVLN2001  | Apply legal requirements for vehicle dismantlers  | 20 |
| AURVNA4001  | Provide vehicle loss assessment and identify repair requirements  | 80 |
| AURVNA4002  | Provide vehicle total loss assessment  | 30 |
| AURVNA4003  | Review a vehicle repair quotation  | 40 |
| AURVNA4004  | Apply insurance industry knowledge to vehicle loss assessment  | 80 |
| AURVNA4005  | Inspect quality of vehicle repair work  | 20 |
| AURVNA4006  | Identify and value vehicle salvage  | 30 |
| AURVNA4007  | Apply automotive mechanical and electrical knowledge to vehicle loss assessment  | 40 |
| AURVNA4008  | Apply automotive body and paint knowledge to vehicle loss assessment  | 40 |
| AURVNN4001  | Evaluate vehicle bodywork for damage and identify repair requirements  | 40 |
| AURVNP4001  | Evaluate vehicle paintwork for damage and identify refinish requirements  | 40 |
| AURVTA2001  | Prepare vehicle, components and equipment for customer use  | 20 |
| AURVTA3002  | Remove and replace supplementary restraint systems  | 20 |
| AURVTA3003  | Inspect paint, trim and accessories and recommend repair procedures  | 10 |
| AURVTA3004  | Inspect vehicle systems and determine preferred repair action  | 20 |
| AURVTG2001  | Repair laminated glass  | 30 |
| AURVTG2002  | Remove and install rubber glazed windscreens  | 30 |
| AURVTG2003  | Remove and install butyl sealed windscreens  | 30 |
| AURVTG2004  | Remove and install direct glazed windscreens  | 30 |
| AURVTG2005  | Remove and install framed type windscreens  | 30 |
| AURVTG2006  | Apply window tinting  | 30 |
| AURVTG2007  | Clean glass surfaces  | 10 |
| AURVTG3008  | Cut and process flat laminated glass  | 15 |
| AURVTG3009  | Remove and install fixed body glass  | 15 |
| AURVTG3010  | Remove and install movable body glass  | 15 |
| AURVTG3011  | Install side windows  | 15 |
| AURVTG3012  | Remove and install heavy vehicle rubber and urethane glazed windscreens  | 30 |
| AURVTG3013  | Remove and install large vehicle windscreens  | 30 |
| AURVTK2001  | Use and maintain vehicle body repair hand tools  | 20 |
| AURVTN1001  | Remove and tag vehicle body system components  | 10 |
| AURVTN2002  | Carry out panel repairs  | 40 |
| AURVTN2003  | Carry out pre-repair vehicle body operations  | 20 |
| AURVTN2004  | Remove, replace and realign bolt-on panels, sections and fittings | 90 |
| AURVTN2005  | Remove and fit protector mouldings, transfers and decals  | 15 |
| AURVTN2006  | Remove and replace mechanical units and assemblies  | 20 |
| AURVTN2007  | Remove salvageable components  | 60 |
| AURVTN2008  | Clean vehicle body and door cavities  | 15 |
| AURVTN2009  | Clean vehicle engine and engine compartment  | 15 |
| AURVTN2010  | Clean vehicle underbody  | 15 |
| AURVTN2011  | Remove and install rear vision mirrors  | 2 |
| AURVTN2030  | Service air compressors and air lines  | 40 |
| AURVTN2033  | Service, repair and replace air compressors and components  | 40 |
| AURVTN2037  | Disassemble and test vehicle units and components  | 50 |
| AURVTN3012  | Install vehicle sunroofs  | 30 |
| AURVTN3013  | Carry out paint-less dent repairs  | 40 |
| AURVTN3014  | Repair body panels by beating and split repair  | 30 |
| AURVTN3015  | Repair body panels using metal finishing techniques  | 35 |
| AURVTN3016  | Repair body panels incorporating filler  | 35 |
| AURVTN3017  | Repair body panels and thermo plastic components  | 30 |
| AURVTN3018  | Repair and replace structural damage by welding  | 30 |
| AURVTN3019  | Repair and replace structural damage by riveting  | 30 |
| AURVTN3020  | Replace major welded panels  | 50 |
| AURVTN3021  | Repair body components using lead wiping  | 30 |
| AURVTN3022  | Repair vehicle body misalignment  | 50 |
| AURVTN3023  | Remove and replace adhesive bonded panels and structures  | 40 |
| AURVTN3024  | Install vehicle body component seals  | 10 |
| AURVTN3025  | Repair corroded panels and components  | 60 |
| AURVTN3026  | Repair aluminium body panels (finishing)  | 30 |
| AURVTN3027  | Repair aluminium body panels (filling)  | 30 |
| AURVTN3028  | Identify and repair high strength steel components  | 40 |
| AURVTN3029  | Set up and operate universal measuring systems  | 20 |
| AURVTN3031  | Conduct major sectional repairs  | 80 |
| AURVTN3035  | Apply original equipment manufacturer repair procedures  | 20 |
| AURVTN4032  | Determine vehicle damage and recommended repair procedures  | 40 |
| AURVTN5034  | Evaluate and select bodywork materials, equipment and processes  | 60 |
| AURVTP2001  | Apply paint removal methods  | 20 |
| AURVTP2002  | Carry out masking procedures  | 20 |
| AURVTP2003  | Prepare spray painting materials and equipment  | 40 |
| AURVTP2004  | Apply fundamental colour matching techniques  | 30 |
| AURVTP2005  | Apply rust prevention and sound deadening materials  | 20 |
| AURVTP2006  | Prepare vehicle components for paint repairs  | 30 |
| AURVTP2007  | Apply paint touch-up techniques  | 30 |
| AURVTP2008  | Clean and polish vehicle exterior paint  | 15 |
| AURVTP2009  | Apply vehicle body film wrapping  | 20 |
| AURVTP2026  | Carry out basic airbrush application techniques  | 40 |
| AURVTP2027  | Carry out custom graphics design and layout techniques  | 40 |
| AURVTP3010  | Prepare spray booths and paint drying equipment  | 30 |
| AURVTP3011  | Apply solid acrylic enamel refinishing materials using two component systems  | 40 |
| AURVTP3012  | Apply air dry and polyurethane enamel refinishing materials  | 40 |
| AURVTP3013  | Prepare substrate for refinishing  | 70 |
| AURVTP3014  | Apply multi-layer and clear over-base colour matching techniques  | 60 |
| AURVTP3015  | Apply solid colour matching techniques  | 40 |
| AURVTP3016  | Carry out paint rectification and touch-up work for solids using two component systems  | 60 |
| AURVTP3017  | Carry out paint rectification and touch-up work for clear over base using two component systems  | 80 |
| AURVTP3018  | Carry out paint rectification and touch-up work for multi-layer and pearl using two component systems  | 80 |
| AURVTP3019  | Prepare and paint plastic components  | 20 |
| AURVTP3020  | Carry out denibbing, buffing and polishing  | 20 |
| AURVTP3021  | Restore vehicle exterior paint  | 30 |
| AURVTP3022  | Carry out custom painting techniques  | 80 |
| AURVTP3023  | Mix and apply clear over-base refinishing materials in two-component system  | 45 |
| AURVTP3024  | Mix and apply clear over-base multi-layer pearl refinishing materials  | 45 |
| AURVTP3025  | Mix and apply water-based refinishing materials  | 45 |
| AURVTS2006  | Carry out fabrication of components  | 80 |
| AURVTS3001  | Carry out wood working operations for fabrication  | 40 |
| AURVTS3002  | Repair plugs, moulds, frames and flooring using wood materials  | 30 |
| AURVTS3003  | Fabricate composite material components  | 60 |
| AURVTS3004  | Repair fibreglass and composite material components  | 30 |
| AURVTS3005  | Fabricate vehicle body panels and components  | 40 |
| AURVTT2001  | Carry out sewing repairs and alterations  | 40 |
| AURVTT2002  | Carry out trim repairs and alterations  | 40 |
| AURVTT2003  | Remove and replace vehicle interior trim components  | 20 |
| AURVTT2004  | Trim vehicle components  | 80 |
| AURVTT2005  | Select and apply trim and fabric materials  | 80 |
| AURVTT2006  | Select and apply trim and fabric adhesives  | 20 |
| AURVTT2007  | Clean and finish plastic trim and fittings  | 15 |
| AURVTT2008  | Clean and finish vehicle interior trim and seats  | 15 |
| AURVTT2009  | Remove and replace seats and internal fittings  | 20 |
| AURVTT3010  | Remove and replace vehicle head lining  | 30 |
| AURVTT3011  | Repair seat frames  | 30 |
| AURVTT3012  | Carry out sewing operations  | 80 |
| AURVTT3013  | Fabricate loose and fitted covers  | 30 |
| AURVTT3014  | Fabricate marine covers  | 40 |
| AURVTT3015  | Fabricate canvas products  | 30 |
| AURVTT3016  | Fabricate frame structures  | 40 |
| AURVTT3017  | Fabricate and install floor coverings  | 30 |
| AURVTT3018  | Fabricate and install soft top hoods  | 60 |
| AURVTT3019  | Fabricate and install canopies and curtains  | 40 |
| AURVTT3020  | Select and use leather in trimming  | 80 |
| AURVTT3021  | Select and use adhesives  | 20 |
| AURVTV2001  | Remove, replace, fit and test components and accessories  | 40 |
| AURVTW2001  | Carry out manual metal arc welding procedures  | 30 |
| AURVTW2002  | Carry out brazing procedures  | 30 |
| AURVTW2003  | Carry out gas metal arc welding procedures  | 30 |
| AURVTW2004  | Carry out gas tungsten arc welding procedures  | 30 |
| AURVTW2005  | Carry out spot welding procedures  | 20 |
| AURVTW2007  | Conduct oxy-acetylene, thermal heating and cutting  | 20 |
| AURVTW2008  | Carry out oxy acetylene welding, thermal cutting and thermal heating procedures  | 30 |
| AURVTW3006  | Carry out thermoplastic welding procedures  | 30 |

SAMPLE TRAINING PROGRAMS

A range of Sample Training Plans have been provided to demonstrate the flexibility of qualifications contained in the **AUR12 Automotive Industry Retail, Service and Repair Training Package**, but are by no means mandatory.

|  |  |
| --- | --- |
| Occupation /Work Function | Pre- vocational |
| Qualification Title  | Certificate I in Automotive Vocational Preparation |
| Qualification Code | AUR10112 |
| Description | Suitable for persons planning to working in the automotive industry |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| AURAEA1001  | Identify environmental requirements in an automotive workplace  | 25 |
| AURASA1001  | Apply automotive workplace safety fundamentals  | 10 |
| AURETR1003  | Apply automotive electrical system fundamentals  | 10 |
| AURLTA1001  | Apply automotive mechanical system fundamentals  | 15 |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| ***Electives*** |   |  |
| AURHTA2003  | Remove and replace heavy commercial vehicle ancillary components and accessories  | 20 |
| AURLTJ2003  | Remove, inspect, and refit light vehicle wheel assemblies  | 20 |
| AURTTA2009  | Carry out pre-repair operations (mechanical)  | 20 |
| **Total Hours** |  | **140** |

|  |  |
| --- | --- |
| Occupation /Work Function | Service Mechanic |
| Qualification Title  | Certificate II in Automotive Servicing Technology |
| Qualification Code | AUR20512 |
| Description | Suitable for persons working in an automotive dealership or independentworkshop as a service mechanic on light vehicles |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| ***Core*** |  |  |
| AURAEA2002  | Apply environment and sustainability best practice in an automotive workplace  | 25 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURATA2001  | Identify basic automotive faults using troubleshooting processes  | 20 |
| AURETR2015  | Inspect and service batteries  | 10 |
| AURTTA2004  | Carry out servicing operations  | 20 |
| AURTTB2001  | Inspect and service braking systems  | 20 |
| AURTTC2001  | Inspect and service cooling systems  | 10 |
| AURTTD2002  | Inspect and service steering systems  | 10 |
| AURTTD2004  | Inspect and service suspension systems  | 10 |
| AURTTE2004  | Inspect and service engines  | 20 |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| AURTTQ2001  | Service final drive assemblies  | 5 |
| AURTTQ2003  | Service final drive (driveline)  | 5 |
| ***Electives*** |   |  |
| AURETR2012  | Test and repair basic electrical circuits  | 40 |
| AURLTJ2001  | Select tyres and rims for specific applications (light)  | 30 |
| AURLTJ2002  | Remove, inspect, repair and fit tyres and tubes (light)  | 40 |
| AURLTJ2003  | Remove, inspect, and refit light vehicle wheel assemblies  | 20 |
| AURTTA2009  | Carry out pre-repair operations (mechanical)  | 20 |
| AURTTF2001  | Service petrol fuel systems  | 25 |
| AURTTF2002  | Service diesel fuel injection systems  | 20 |
| **Total Hours** |  | **390** |

|  |  |
| --- | --- |
| Occupation /Work Function | Service Mechanic |
| Qualification Title  | Certificate II in Outdoor Power Equipment Technology |
| Qualification Code | AUR20812 |
| Description | Suitable for persons working in an outdoor power equipment business as aservice mechanic |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| ***Core*** |  |  |
| AURAEA2002  | Apply environment and sustainability best practice in an automotive workplace  | 25 |
| AURAFA2001  | Use numbers in an automotive workplace  | 10 |
| AURAFA2002  | Read in an automotive workplace  | 10 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURETR2006  | Carry out soldering of electrical wiring and circuits  | 20 |
| AURETR2015  | Inspect and service batteries  | 10 |
| AURPTE2002  | Service engines and engine components (outdoor power equipment)  | 20 |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| ***Electives*** |   |   |
| AURPTA2004  | Service and repair drum cutting systems  | 25 |
| AURPTA2005  | Service and repair chainsaw cutting systems  | 25 |
| AURPTA2007  | Service and repair post-boring systems  | 13 |
| AURPTA2008  | Service and repair post-hole digging systems  | 15 |
| AURPTA2009  | Service and repair reciprocating cutting systems  | 13 |
| AURPTA2010  | Service pumping systems  | 20 |
| AURPTA3011  | Repair pumping systems  | 30 |
| AURPTE3003  | Repair engines and engine components (outdoor power equipment)  | 30 |
| ***Total Hours*** |  | **306** |

|  |  |
| --- | --- |
| Occupation /Work Function | Automotive Salesperson |
| Qualification Title  | Certificate II in Automotive Sales |
| Qualification Code | AUR21112 |
| Description | Suitable for persons working in an automotive sales business |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| ***Core*** |  |  |
| AURACA2001  | Establish relations with customers  | 20 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURSCA2002  | Present stock and sales area  | 20 |
| AURSCA2006  | Promote products and services  | 20 |
| AURSLA2001  | Apply legal requirements relating to product sales  | 15 |
| SIRXRSK001A | Minimise theft | 20 |
| ***Electives*** |   |   |
| AURSCA2005  | Sell products  | 40 |
| SIRXINV002A  | Maintain and order stock | 35 |
| SIRXWHS302  | Maintain store safety  | 35 |
| AURSCA2003  | Apply sales procedures  | 40 |
| AURSCA2004  | Carry out cash, credit and funds transfers  | 35 |
| BSBITU305A  | Conduct online transactions | 40 |
|  ***Total Hours*** |  | **340** |

|  |  |
| --- | --- |
| Occupation /Work Function | Automotive Electrician |
| Qualification Title  | Certificate III in Automotive Electrical Technology |
| Qualification Code | AUR30312 |
| Description | Suitable for persons working in an automotive dealership or automotiveelectrical business as an automotive electrician |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| ***Core*** |  |  |
| AURAEA3003  | Monitor environmental and sustainability best practice in the automotive mechanical industry  | 25 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURETK2002  | Use and maintain automotive electrical test equipment  | 20 |
| AURETR2006  | Carry out soldering of electrical wiring and circuits  | 20 |
| AURETR2007  | Demonstrate knowledge of automotive electrical circuits and wiring systems  | 20 |
| AURETR2009  | Install, test and repair vehicle lighting and wiring systems  | 40 |
| AURETR2010  | Fabricate, test and repair wiring harnesses and looms  | 40 |
| AURETR2012  | Test and repair basic electrical circuits  | 40 |
| AURETR2035  | Demonstrate knowledge of petrol and diesel engine operation  | 15 |
| AURETR3023  | Diagnose and repair electronic spark ignition engine management systems  | 60 |
| AURETR3024  | Diagnose and repair electronic compression ignition engine management systems  | 50 |
| AURETR3025  | Test, charge and replace batteries  | 15 |
| AURETR3027  | Install ancillary electronic control unit systems and components  | 40 |
| AURETR3028  | Diagnose and repair instruments and warning systems  | 40 |
| AURETR3029  | Diagnose and repair charging systems  | 30 |
| AURETR3030 | Diagnose and repair starting systems  | 30 |
| AURETR3031  | Diagnose and repair ignition systems  | 30 |
| AURETR3032  | Repair electrical systems  | 80 |
| AURETR3043  | Service and repair electronic body management systems  | 40 |

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| --- | --- |
| Qualification Title  | Certificate III in Automotive Electrical Technology |
| Qualification Code | AUR30312 |
| Unit Code | Unit Title | Hours |
| AURTTA3018 | Carry out diagnostic procedures  | 20 |
| ***Electives*** |   |   |
| AURAKA3002  | Adapt work processes to new technologies  | 40 |
| AURAQA3002  | Inspect technical quality of work  | 40 |
| AURATA3005  | Estimate complex jobs  | 30 |
| AURATA3004  | Provide technical guidance  | 40 |
| AURETR2005  | Install, test and repair electrical security systems and components  | 40 |
| AURETR2011  | Install and test basic ancillary electrical components  | 40 |
| AURETR3017  | Overhaul charging system alternators  | 20 |
| AURETR3021  | Inspect, service and repair electronic management, monitoring and tracking systems  | 40 |
| AURETR3022  | Diagnose and repair vehicle dynamic control systems  | 70 |
| AURETR3044  | Service and repair electronic drive management systems  | 50 |
| AURETU3004  | Diagnose and repair air conditioning and HVAC systems  | 35 |
| AURLTB3003  | Diagnose and repair light vehicle hydraulic braking systems  | 40 |
|  ***Total Hours*** |  | **1160** |

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| --- | --- |
| Occupation /Work Function | Light Vehicle Mechanic |
| Qualification Title  | Certificate III in Light Vehicle Mechanical Technology |
| Qualification Code | AUR30612 |
| Description | Suitable for persons working in a mechanical workshop as a light vehiclemechanic. |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |
| AURAEA3003  | Monitor environmental and sustainability best practice in the automotive mechanical industry  | 25 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURETR2012  | Test and repair basic electrical circuits  | 40 |
| AURETR3023  | Diagnose and repair electronic spark ignition engine management systems  | 60 |
| AURETR3025  | Test, charge and replace batteries  | 15 |
| AURETR3029  | Diagnose and repair charging systems  | 30 |
| AURETR3030 | Diagnose and repair starting systems  | 30 |
| AURETR3031  | Diagnose and repair ignition systems  | 30 |
| AURLTZ3001  | Diagnose and repair light vehicle emission control systems  | 20 |
| AURLTB3003  | Diagnose and repair light vehicle hydraulic braking systems  | 40 |
| AURLTD3004  | Repair steering systems (light vehicle)  | 30 |
| AURLTD3005  | Repair suspension systems (light vehicle)  | 30 |
| AURLTE3002  | Repair engines and associated engine components (light vehicle)  | 60 |
| AURTTA2004  | Carry out servicing operations  | 20 |
| AURTTA3018 | Carry out diagnostic procedures  | 20 |
| AURTTB2001  | Inspect and service braking systems  | 20 |
| AURTTC3003  | Diagnose and repair cooling systems  | 20 |
| AURTTE2004  | Inspect and service engines  | 20 |
| AURTTF2001  | Service petrol fuel systems  | 25 |

|  |  |
| --- | --- |
| Qualification Title  | Certificate III in Light Vehicle Mechanical Technology |
| Qualification Code | AUR30612 |
| Unit Code | Unit Title | Hours |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| ***Electives*** |  |  |
| AURETR3043  | Service and repair electronic body management systems  | 40 |
| AURETR2005  | Install, test and repair electrical security systems and components  | 40 |
| AURETR2010  | Fabricate, test and repair wiring harnesses and looms  | 40 |
| AURETR2011  | Install and test basic ancillary electrical components  | 40 |
| AURETR3020  | Repair electronic systems  | 40 |
| AURETR3022  | Diagnose and repair vehicle dynamic control systems  | 70 |
| AURETR3024  | Diagnose and repair electronic compression ignition engine management systems  | 50 |
| AURETR3032  | Repair electrical systems  | 80 |
| AURETR3044  | Service and repair electronic drive management systems  | 50 |
| AURLTD3006  | Carry out wheel alignment operations (light vehicle)  | 40 |
| AURLTJ2002  | Remove, inspect, repair and fit tyres and tubes (light)  | 40 |
| AURLTJ2003  | Remove, inspect, and refit light vehicle wheel assemblies  | 20 |
| AURLTQ3001  | Repair final drive assemblies (light vehicle)  | 20 |
| AURLTX3001  | Repair transmissions - manual (light vehicle)  | 40 |
| AURLTX3002  | Repair transmissions - automatic (light vehicle)  | 50 |
| AURTTF3006  | Diagnose and repair petrol carburettor systems  | 50 |
|   ***Total Hours*** |  | **1285** |

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| --- | --- |
| Occupation /Work Function | Automotive Glazier |
| Qualification Title  | Certificate III in Automotive Glazing Technology |
| Qualification Code | AUR32212 |
| Description | Suitable for persons working as an automotive glazier. |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |
| AURAEA2002  | Apply environment and sustainability best practice in an automotive workplace  | 25 |
| AURAMA2001  | Work effectively with others  | 20 |
| AURASA2002  | Apply safe working practices in an automotive workplace  | 20 |
| AURAFA2003  | Communicate effectively in an automotive workplace  | 20 |
| AURACA3003  | Build customer relations  | 20 |
| AURTTK2002  | Use and maintain workplace tools and equipment  | 20 |
| AURVTA2001  | Prepare vehicle, components and equipment for customer use  | 20 |
| AURVTG2001  | Repair laminated glass  | 30 |
| AURVTG2002  | Remove and install rubber glazed windscreens  | 30 |
| AURVTG2004  | Remove and install direct glazed windscreens  | 30 |
| AURVTG2007  | Clean glass surfaces  | 10 |
| AURVTG3009  | Remove and install fixed body glass  | 15 |
| AURVTG3010  | Remove and install movable body glass  | 15 |
| AURVTG3012  | Remove and install heavy vehicle rubber and urethane glazed windscreens  | 30 |
| AURVTG3013  | Remove and install large vehicle windscreens  | 30 |
| AURVTN2011  | Remove and install rear vision mirrors  | 2 |
| LMFGG2005C | Move glass sheets by hand | 8 |
| LMFGG3001C | Store and handle glass | 20 |
| ***Electives*** |   |   |
| AURATA3005  | Estimate complex jobs  | 30 |
| AURSAA2001  | Process customer complaints  | 20 |

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| Qualification Title  | Certificate III in Automotive Glazing Technology |
| Qualification Code | AUR32212 |
| Unit Code | Unit Title | Hours |
| AURSCA2004  | Carry out cash, credit and funds transfers  | 35 |
| AURVTG2003  | Remove and install butyl sealed windscreens  | 30 |
| AURVTG2005  | Remove and install framed type windscreens  | 30 |
| AURVTN3035  | Apply original equipment manufacturer repair procedures  | 20 |
| AUMGTG3001  | Install fixed and movable glass components  | 25 |
| BSBWHS301A | Maintain workplace safety | 40 |
| BSBFLM312C  | Contribute to team effectiveness | 40 |
| BSBWOR301B  | Organise personal work priorities and development | 30 |
| SIRXINV002A  | Maintain and order stock | 35 |
| TAEDEL301A  | Provide work skill instruction  | 40 |
|    ***Total Hours*** |  | **740** |

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| --- | --- |
| Occupation /Work Function | Automotive Diagnostic Technician |
| Qualification Title  | Certificate IV in Automotive Mechanical Diagnosis |
| Qualification Code | AUR40212 |
| Description | Suitable for persons working in automotive dealership or independentworkshop as a highly skilled mechanic/diagnostician. |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| AURTTA4021  | Carry out diagnosis of complex system faults  | 80 |
| ***Electives*** |   |   |
| AURETR3023  | Diagnose and repair electronic spark ignition engine management systems  | 60 |
| AURHTB4006  | Diagnose complex faults in heavy commercial vehicle braking systems  | 50 |
| AURHTD4006  | Diagnose complex faults in heavy commercial vehicle steering and suspension systems  | 50 |
| AURHTE4003  | Diagnose complex faults in heavy vehicle diesel engines  | 50 |
| AURHTX4006  | Diagnose complex faults in heavy commercial vehicle transmission and driveline systems  | 50 |
| AURJTD4005  | Diagnose complex faults in motorcycle steering and suspension systems  | 50 |
| AURJTE4002  | Diagnose complex faults in motorcycle engine and transmission systems  | 50 |
| AURKTA4009  | Diagnose complex faults in mobile plant hydraulic systems  | 50 |
| AURKTB4003  | Diagnose complex faults in mobile plant braking systems  | 50 |
|     ***Total Hours*** |  | **540** |

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| --- | --- |
| Occupation /Work Function | Automotive Diagnostic Technician |
| Qualification Title  | Certificate IV in Automotive Performance Enhancement |
| Qualification Code | AUR40412 |
| Description | Suitable for persons working in the automotive industry as aSupervisor/Senior Technician |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| AURMTE4001  | Test engines using a dynamometer  | 40 |
| AURMTF4002  | Analyse and repair performance fuel injection systems  | 20 |
| AURTTA4021  | Carry out diagnosis of complex system faults  | 80 |
|  ***Electives*** |   |   |
| AURAMA5006  | Contribute to business improvement  | 120 |
| AURETR3023  | Diagnose and repair electronic spark ignition engine management systems  | 60 |
| AURETR5033  | Develop and apply electronic systems modification  | 80 |
| AURETR5034  | Develop and apply electrical systems modification  | 80 |
| AURTTA5023  | Develop and apply hydraulic system modifications  | 60 |
| AURTTF2001  | Service petrol fuel systems  | 25 |
| AURTTL5015  | Develop and apply gas fuel system modifications  | 80 |
|     ***Total Hours*** |  | **645** |

|  |  |
| --- | --- |
| Occupation /Work Function | Automotive Diagnostic Technician |
| Qualification Title  | Certificate IV in Automotive Electrical Technology |
| Qualification Code | AUR40612 |
| Description | Suitable for persons working in the automotive industry as a master diagnostic technician |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| AURTTA4021  | Carry out diagnosis of complex system faults  | 80 |
| ***Electives*** |   |   |
| AURAQA3002  | Inspect technical quality of work  | 40 |
| AURTTA4026  | Diagnose complex faults in vehicle electric-over-hydraulic systems  | 50 |
| AURETR4004  | Diagnose complex electrical and electronic faults in vehicle convenience and entertainment systems  | 50 |
| AURETR4037  | Diagnose complex electrical and electronic faults in light vehicle safety systems  | 50 |
| AURETR4038  | Diagnose complex faults in motorcycle electrical and electronic systems  | 50 |
| AURETR4039  | Diagnose complex electrical and electronic faults in light vehicle theft deterrent systems  | 50 |
| AURETR4040  | Diagnose complex electrical and electronic faults in vehicle monitoring and protection systems  | 50 |
| AURETR5033  | Develop and apply electronic systems modification  | 80 |
| AURETR5034  | Develop and apply electrical systems modification  | 80 |
| ***Total Hours*** |  | **580** |

|  |  |
| --- | --- |
| Occupation /Work Function | Workplace Manager |
| Qualification Title  | Diploma of Automotive Management |
| Qualification Code | AUR50112 |
| Description | Suitable for persons working in the automotive industry in a management role. |
| Notes | For advice on how to choose electives others than those listed below, pleaserefer to the Automotive Retail, Service & Repair Training Package(AUR12 v.1) and its Qualifications Packaging Rules or contact the CMMAutomotive on (03) 9425 5761. |
| Unit Code | Unit Title | Hours |
| *Core* |  |  |
| AURAEA4004  | Manage environmental compliance in an automotive workplace  | 30 |
| AURAMA4005  | Manage complex customer issues  | 50 |
| AURAMA5006  | Contribute to business improvement  | 120 |
| BSBFIM501A | Manage budgets and financial plans | 70 |
| BSBMGT502B | Manage people performance | 70 |
| BSBWHS501A | Ensure a safe workplace  | 60 |
| ***Electives*** |   |   |
| AURAAA4002  | Determine retail rates for work  | 60 |
| BSBMGT515A | Manage operational plan | 60 |
| BSBMKG523A | Design and develop an integrated marketing communication plan  | 60 |
| BSBWOR501A | Manage personal work priorities and professional development | 60 |
| BSBWOR502A | Ensure team effectiveness | 60 |
| TLIA5058A | Manage facility and inventory requirements | 140 |
|  ***Total Hours*** |  | **840** |

CONTACTS AND LINKS

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| **Industry Skills Council (ISC)** |
| Auto Skills Australia Ltd | This ISC is responsible for developing this **AUR12 Automotive Industry Retail, Service & Repair Training Package** and can be contacted for further information. You can also source copies of the Training Package and support material. | Address: Level 4,533 Little Lonsdale Street Melbourne, Vic. 3000Phone/fax: 03 9863 7850Email: pmiller@autoskillsaustralia.com.auWeb: www.**autoskillsaustralia**.com.au |
| **National Register for VET in Australia** |
| Training.gov.au (TGA) | TGA is the Australian governments’ official National Register of information on Training Packages, qualifications, courses, units of competency and RTOs. | training.gov.au  |
| **Australian Government** |
| The Department of Industry, Innovation, Science and Tertiary Education (DIISRTE) | DIISRTE provides a range of services and resources to assist in delivery of Training Packages. Search the DIISRTE website for links to a range of relevant resources and publications. | http://www.innovation.gov.au You may also find Department of Education, Employment and Workplace Relations website of usewww.deewr.gov.au |
| **State Government** |
| Department of Education and Early Childhood DevelopmentHigher Education and Skills Group | Higher Education and Skills Group is responsible for funding and the implementation of Vocational Education and Training (VET) in Victoria, including Apprenticeships and Traineeships. | General information:[www.skills.vic.gov.au](http://www.skills.vic.gov.au/)Approved Training Schemes:<http://www.skills.vic.gov.au/corporate/publications/brochures-and-fact-sheets/apprenticeships-and-traineeships-in-victoria-industry-guides> |
| **Curriculum Maintenance Manager (CMM)** |
| Engineering Industries - Automotive | The CMM service is provided by Executive Officers located within Victorian TAFE institutes on behalf of Skills Victoria. | Pat ThorntonAddress: Private Bag 299, Somerton Vic 3062Phone/fax: 9425 5761Email: pthornton@kangan.edu.auWeb: <http://trainingsupport.skills.vic.gov.au/cmminf.cfm> |
| **State VET Regulatory Authority** |
| Victorian Registration and Qualifications Authority (VRQA) | The VRQA is a statutory authority responsible for the registration of education and training providers in Victoria to ensure the delivery of quality education and training. | [www.vrqa.vic.gov.au](http://www.vrqa.vic.gov.au/)Phone: 03 9637 2806 |
| **National VET Regulatory Authority** |
| Australian Skills Quality Authority (ASQA) | ASQA is the national regulator for Australia’s VET sector vocational education and training sector. ASQA regulates courses and training providers to ensure nationally approved quality standards are met. | [www.asqa.gov.au](http://www.asqa.gov.au)Info line: 1300 701 801 |
| **Industry Regulatory Body** |
| 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: 7th Floor,464 St. Kilda Road,Melbourne, 3004Phone/fax: 03) 9862 6700/(03) 98665322Email:Web: [www.aafrb.com.au](http://www.aafrb.com.au) |
| 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. |

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| Address: Locked Bag 3033, Box Hill, Vic, 3128  |

Level 2, 818 Whitehorse Road, Box Hill 3128Phone/fax: 03 9843 1600 1300 88 44 83/03 9890 3399 1300 55 40 23**Email:** enquire@arctick.org Website:[www.arctick.org](http://www.arctick.org) |
| **WorkSafe**  |
| WorkSafe Victoria | WorkSafe needs to provide written verification before High Risk Work Units can be added to an RTO’s scope of registration. | [www.worksafe.vic.gov.au](http://www.worksafe.vic.gov.au/) Info line: 1800 136 089 |
| **Other contacts** |
| Outdoor PowerEquipment Association |  | Contact: Nicole SchulerPhone: 9867 0221Email:Nicole.Schuler@aigroup.asn.auWebsite:http://www.opea.org.au/ |

GLOSSARY

|  |  |
| --- | --- |
| **Code** | Nationally endorsed Training Package qualification code. |
| **Title** | Nationally endorsed Training Package qualification title. |
| **Unit Code** | Nationally endorsed Training Package unit code. |
| **Unit Title** | Nationally endorsed Training Package unit title. |
| **Nominal Hours** | The anticipated hours of supervised learning or training deemed necessary to conduct training and assessment activities associated with the program of study. These hours are determined by the Victorian State Training Authority. Nominal hours may vary for a qualification depending on the units of competency selected.  |
| **Scope of Registration** | Scope of registration specifies the AQF qualifications and/or units of competency the training organisation is registered to issue and the industry training and/or assessment services it is registered to provide. |