



LRES

Training Management



Automotive Retail, Service and Repair  
Qualification Packaging based on Unit  
Resources Available from LRES Training  
Management

## Table of Contents

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Complete Qualifications.....	<b>3</b>
AUR20218 - Certificate II in Automotive Air Conditioning Technology (Release 1) .....	4
AUR50216 - Diploma of Automotive Technology (Release 1).....	6
AUR50216 - Diploma of Automotive Technology (Release 2).....	9
Incomplete Qualifications .....	<b>12</b>
AUR10116 Certificate I in Automotive Vocational Preparation (Release 2) .....	13
AUR20516 - Certificate II in Automotive Servicing Technology .....	15
AUR20416 - Certificate II in Automotive Electrical Technology (Release 1).....	17
AUR21916 - Certificate II in Automotive Tyre Servicing Technology (Release 1) .....	19
AUR31116 - Certificate III in Heavy Commercial Vehicle Mechanical Technology (Release 1).....	21
AUR30316 - Certificate III in Automotive Electrical Technology (Release 1).....	24
AUR30616 - Certificate III in Light Vehicle Mechanical Technology (Release 1).....	28
AUR30616 - Certificate III in Light Vehicle Mechanical Technology (Release 2).....	31
AUR31016 - Certificate III in Automotive Sales (Release 1) .....	34
AUR31516 - Certificate III in Automotive Diesel Engine Technology.....	36
AUR31416 - Certificate III in Automotive Diesel Fuel Technology (Release 2).....	38
AUR40816 - Certificate IV in Automotive Mechanical Overhauling (Release 1).....	40
AUR40116 - Certificate IV in Automotive Management (Release 1) .....	42
AUR40216 - Certificate IV in Automotive Mechanical Diagnosis (Release 1).....	44
AUR40416 - Certificate IV in Automotive Performance Enhancement (Release 1) .....	46
AUR50116 - Diploma of Automotive Management (Release 1) .....	48
AUR50316 - Diploma of Motor Sport Technology (Release 1) .....	50
AUR50216 - Diploma of Automotive Technology (Release 2).....	52

# Complete Qualifications

Note: Units highlighted are those available from LRES Training Management

# AUR20218 - Certificate II in Automotive Air Conditioning Technology (Release 1)

## Packaging Rules

Total number of units = 13

6 core units, plus

7 elective units, of which:

- up to 7 units may be chosen from the Elective Units listed below
- up to 3 units may be chosen from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

## Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETU003	Service air conditioning and HVAC systems
AURETU004	Diagnose and repair air conditioning and HVAC systems
AURTTA018	Carry out diagnostic procedures

## Elective Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAF A001	Use numbers in an automotive workplace
AURAF A002	Read and respond to automotive workplace information
AURAF A003	Communicate effectively in an automotive workplace
AURETR006	Solder electrical wiring and circuits
AURETR011	Install basic ancillary electrical systems and components
AURETU001	Install air conditioning systems
AURETU002	Recover vehicle refrigerants
AURETU005	Retrofit and modify air conditioning and HVAC systems
AURETU007	Overhaul air conditioning and HVAC system compressors
AURTTA004	Carry out servicing operations
AURTTA009	Carry out mechanical pre-repair operations
AURTT C003	Diagnose and repair cooling systems
AURTT E004	Inspect and service engines

AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURVTA001	Prepare vehicles for customer use

## AUR50216 - Diploma of Automotive Technology (Release 1)

### Packaging Rules

Total number of units = 12

1 core unit, plus

11 elective units, of which:

- up to 11 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURFA007	Develop and document specifications and procedures

### Elective Units

Unit code	Unit title
AURFA006	Conduct research and present technical reports
AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications

AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems
AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems
AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems
AURJTB002	Analyse and evaluate faults in motorcycle braking systems
AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems
AURJTR001	Analyse and evaluate faults in motorcycle electrical and electronic systems
AURKTA006	Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems
AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems
AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems
AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems
AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems
AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURRTA007	Analyse and evaluate faults in light marine hydraulic systems
AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems
AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems
AURRTX005	Analyse and evaluate faults in light marine transmission systems
AURTNA001	Estimate and quote automotive vehicle or machinery modifications
AURTTA022	Develop and apply mechanical system modifications

AURTTA023	Develop and apply hydraulic system modifications
AURTTA024	Develop and apply pneumatic system modifications
AURTTL014	Analyse and evaluate faults in gas fuel systems
AURTTL015	Develop and apply gas fuel system modifications
AURVTN034	Evaluate vehicle body repair materials, equipment and work processes
MSMENV472	Implement and monitor environmentally sustainable work practices
MSAENV672B	Develop workplace policy and procedures for environmental sustainability



## AUR50216 - Diploma of Automotive Technology (Release 2)

### Packaging Rules

Total number of units = 12

1 core unit, plus

11 elective units, of which:

- up to 11 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAF007	Develop and document specifications and procedures

### Elective Units

Unit code	Unit title
AURAF006	Conduct research and present technical reports
AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications

AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems
AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems
AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems
AURJTB002	Analyse and evaluate faults in motorcycle braking systems
AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems
AURJTR001	Analyse and evaluate faults in motorcycle electrical and electronic systems
AURKTA006	Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems
AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems
AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems
AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems
AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems
AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURRTA007	Analyse and evaluate faults in light marine hydraulic systems
AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems
AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems
AURRTX005	Analyse and evaluate faults in light marine transmission systems
AURTNA001	Estimate and quote automotive vehicle or machinery modifications
AURTTA022	Develop and apply mechanical system modifications

AURTTA023	Develop and apply hydraulic system modifications
AURTTA024	Develop and apply pneumatic system modifications
AURTTL014	Analyse and evaluate faults in gas fuel systems
AURTTL015	Develop and apply gas fuel system modifications
AURVTN034	Evaluate vehicle body repair materials, equipment and work processes
MSMENV472	Implement and monitor environmentally sustainable work practices
MSMENV672	Develop workplace policy and procedures for environmental sustainability

# Incomplete Qualifications

Note: Units highlighted are those available from LRES Training Management

## AUR10116 Certificate I in Automotive Vocational Preparation (Release 2)

### Packaging Rules

Total number of units = 8

5 core units, plus

3 elective units, of which:

- up to 3 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA001	Identify environmental and sustainability requirements in an automotive service or repair workplace
AURASA001	Apply automotive workplace safety fundamentals
AURETR003	Identify automotive electrical systems and components
AURLTA001	Identify automotive mechanical systems and components
AURTTK002	Use and maintain tools and equipment in an automotive workplace

### Elective Units

Unit code	Unit title
AURAF A001	Use numbers in an automotive workplace
AURAF A002	Read and respond to automotive workplace information
AURBT A001	Remove and tag bicycle components
AURBT A002	Adjust bicycles and components
AURBT J001	Remove, repair and refit bicycle tyres
AURETK001	Identify, select and use low voltage electrical test equipment
AURETR001	Remove and tag automotive electrical system components
AURETR006	Solder electrical wiring and circuits
AURHT A001	Carry out heavy vehicle pre-repair cleaning
AURHT A003	Remove and replace heavy commercial vehicle ancillary components and accessories
AURHT J001	Inspect heavy commercial vehicle wheels and tyres
AURJT A001	Carry out minor adjustments to motorcycles
AURJT A002	Remove and replace motorcycle components and accessories
AURJT J003	Remove and refit motorcycle wheel and tyre assemblies
AURLT J013	Remove, inspect and refit light vehicle wheel and tyre assemblies

AURPTA001	Carry out pre-repair operations to outdoor power equipment
AURPTA002	Carry out minor adjustments to outdoor power equipment
AURPTA006	Inspect and service line trimming systems and components
AURRTQ001	Inspect and service marine inboard propeller drive systems
AURRTR001	Inspect, service and maintain marine battery storage systems
AURTTA001	Remove and tag steering, suspension and braking system components
AURTTA002	Assist with automotive workplace activities
AURTTA003	Use and maintain basic mechanical measuring devices
AURTTA009	Carry out mechanical pre-repair operations
AURTTE003	Remove and tag engine system components
AURVTN001	Remove and tag vehicle body components
AURVTN008	Clean vehicle body and door openings
AURVTP006	Apply refinishing primers to vehicle surfaces

## AUR20516 - Certificate II in Automotive Servicing Technology

### Packaging Rules

Total number of units = 20

13 core units, plus

7 elective units, of which:

- up to 7 units may be chosen from the Elective Units listed below
- up to 4 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURETR015	Inspect, test and service batteries
AURTTA004	Carry out servicing operations
AURTTB001	Inspect and service braking systems
AURTTC001	Inspect and service cooling systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTE004	Inspect and service engines
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies
AURTTQ003	Inspect and service drive shafts

### Elective Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAF A001	Use numbers in an automotive workplace
AURAF A002	Read and respond to automotive workplace information
AURAF A003	Communicate effectively in an automotive workplace
AURETH001	Depower and reinitialise battery electric vehicles
AURETR012	Test and repair basic electrical circuits
AURETR025	Test, charge and replace batteries and jump-start vehicles

AURLTJ001	Select light vehicle tyres and wheels for specific applications
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies
AURTTA006	Inspect and service hydraulic systems
AURTTA009	Carry out mechanical pre-repair operations
AURTTF001	Inspect and service petrol fuel systems
AURTTF002	Inspect and service diesel fuel injection systems
AURTTJ001	Balance wheels and tyres
AURTTL007	Inspect and service LPG fuel systems
AURTTX002	Inspect and service manual transmissions
AURTTX003	Inspect and service automatic transmissions
AURTTX004	Inspect and service hydrostatic transmissions
AURTTX005	Inspect and service clutch systems
AURTTZ001	Inspect and service emission control systems



## AUR20416 - Certificate II in Automotive Electrical Technology (Release 1)

### Packaging Rules

Total number of units = 16

10 core units, plus

6 elective units, of which:

- up to 6 units may be chosen from the Elective Units listed below
- up to 3 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETK002	Use and maintain electrical test equipment in an automotive workplace
AURETR006	Solder electrical wiring and circuits
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems
AURETR008	Remove and replace electrical units and assemblies
AURETR009	Install vehicle lighting and wiring systems
AURETR011	Install basic ancillary electrical systems and components
AURETR012	Test and repair basic electrical circuits
AURETR015	Inspect, test and service batteries

### Elective Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAF A001	Use numbers in an automotive workplace
AURAF A002	Read and respond to automotive workplace information
AURAF A003	Communicate effectively in an automotive workplace
AURAF A005	Write routine texts in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURAMA002	Communicate business information in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURATA002	Read, interpret and apply engineering drawings

AURATA003	Produce drawings from design concepts
AURETK001	Identify, select and use low voltage electrical test equipment
AURETR042	Remove, refit and operate electrical components following body repair activities
AURETR005	Install automotive security systems and components
AURETR010	Repair wiring harnesses and looms
AURETR013	Inspect, test and service charging systems
AURETR014	Inspect, test and service starting systems
AURETR016	Read and apply vehicle wiring schematics and drawings
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETU001	Install air conditioning systems
AURETU002	Recover vehicle refrigerants
AURETU003	Service air conditioning and HVAC systems
AURETU004	Diagnose and repair air conditioning and HVAC systems
AURETU005	Retrofit and modify air conditioning and HVAC systems
AURPTR002	Test and service electric outdoor power equipment
AURRTR001	Inspect, service and maintain marine battery storage systems
AURSCA001	Select and supply automotive parts and products
AURSCA003	Apply sales procedures in an automotive workplace
AURTTA004	Carry out servicing operations
AURTTA008	Produce patterns and templates
AURTTA009	Carry out mechanical pre-repair operations
AURTTA018	Carry out diagnostic procedures
AURTTE004	Inspect and service engines
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURVTT003	Remove and replace automotive and marine interior trim components
AURVTT004	Trim vehicle components
AURVTT005	Select trim and fabric materials
AURVTT006	Apply trimming adhesives
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting

## AUR21916 - Certificate II in Automotive Tyre Servicing Technology (Release 1)

Total number of units = 14

4 core units, plus

10 elective units, of which:

- all units in one of the Specialist Elective Unit Groups A to D below must be chosen
- of the remaining units required to make up the elective unit total:
  - units may be chosen from the Specialist Elective Unit Groups and General Elective Units listed below
  - up to 3 units may be chosen from a Certificate I qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURATA001	Identify basic automotive faults using troubleshooting processes
AURTTK002	Use and maintain tools and equipment in an automotive workplace

### Specialist Elective Unit Groups

#### Group A: Light Vehicle Tyres

Unit code	Unit title
AURLTJ001	Select light vehicle tyres and wheels for specific applications
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies

#### Group B: Heavy Vehicle Tyres

Unit code	Unit title
AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes

#### Group C: Agricultural Tyres

Unit code	Unit title
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AURHTJ002	Select heavy vehicle tyres, wheels and rims for specific applications
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTJ004	Remove, inspect, repair and refit agricultural equipment tyres and tubes

#### Group D: Earthmoving and Off-the-Road Tyres

Unit code	Unit title
AURKTJ001	Remove, inspect and fit earthmoving and off-the-road tyres
AURKTJ002	Remove, inspect and fit earthmoving and off-the-road wheel and rim assemblies
AURKTJ005	Select earthmoving and off-the-road tyres, wheels and rim assemblies for specific applications
AURKTJ006	Use earthmoving and off-the-road tyre handlers

#### General Elective Units

Unit code	Unit title
AURAF001	Use numbers in an automotive workplace
AURAF002	Read and respond to automotive workplace information
AURAF003	Communicate effectively in an automotive workplace
AURETR015	Inspect, test and service batteries
AURJTJ001	Remove, inspect and refit motorcycle wheel and tyre assemblies
AURJTJ002	Remove, inspect, repair and refit motorcycle tyres and tubes
AURKTJ003	Perform minor repairs to earthmoving and off-the-road tyres
AURTTA004	Carry out servicing operations
AURTTB001	Inspect and service braking systems
AURTTC001	Inspect and service cooling systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTE004	Inspect and service engines
AURTTF001	Inspect and service petrol fuel systems
AURTTJ001	Balance wheels and tyres
AURTTJ002	Remove, inspect and refit wheel hubs and associated brake components
RIICOM201D	Communicate in the workplace
RIIQUA201D	Maintain and monitor site quality standard
RIIRIS201D	Conduct local risk control
RIIWHS201D	Work safely and follow WHS policies and procedures
RIIWHS204D	Work safely at heights
TLID3011	Conduct specialised forklift operations
TLILIC2001	Licence to operate a forklift truck

# AUR31116 - Certificate III in Heavy Commercial Vehicle Mechanical Technology (Release 1)

## Packaging Rules

Total number of units = 36

22 core units, plus

14 elective units, of which:

- 1 unit must be chosen from one of the Specialist Elective Unit Groups A or B below
- of the 13 remaining units required to make up the elective unit total:
  - up to 13 units may be chosen from the Specialist Elective Unit Group not already chosen and the General Elective Units listed below
  - up to 6 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

## Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR022	Diagnose and repair vehicle dynamic control systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURHTB001	Diagnose and repair heavy vehicle air braking systems
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA018	Carry out diagnostic procedures
AURTTC003	Diagnose and repair cooling systems
AURTTF002	Inspect and service diesel fuel injection systems

AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies

### Specialist Elective Unit Groups

#### Group A: Heavy Vehicle Manual Transmission

Unit code	Unit title
AURHTX001	Diagnose and repair heavy vehicle manual transmissions

#### Group B: Heavy Vehicle Automatic Transmission

Unit code	Unit title
AURHTX003	Diagnose and repair heavy vehicle automatic transmissions

### General Elective Units

Unit code	Unit title
AURAF003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURETR020	Diagnose and repair network electronic control systems
AURETR032	Diagnose and repair automotive electrical systems
AURETR043	Diagnose and repair electronic body management systems
AURETR044	Diagnose and repair integrated engine and transmission management systems
AURETU003	Service air conditioning and HVAC systems
AURETU004	Diagnose and repair air conditioning and HVAC systems
AURETU005	Retrofit and modify air conditioning and HVAC systems
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURHTB007	Diagnose and repair heavy commercial vehicle electronic braking systems
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies
AURHTX002	Inspect, test and replace heavy vehicle automatic transmissions
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA013	Diagnose and repair hydraulic systems
AURTTA014	Assemble and install pneumatic system components
AURTTB001	Inspect and service braking systems

AURTTB004	Inspect and service air braking systems
AURTTB006	Inspect, service and repair auxiliary braking systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTE004	Inspect and service engines
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTX002	Inspect and service manual transmissions
AURTTX003	Inspect and service automatic transmissions
AURTTZ002	Diagnose and repair exhaust systems
AURVTW001	Carry out manual metal arc welding on components
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW004	Carry out tungsten inert gas welding
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting

## AUR30316 - Certificate III in Automotive Electrical Technology (Release 1)

### Packaging Rules

Total number of units = 32

20 core units, plus

12 elective units, of which:

- up to 12 units may be chosen from the Elective Units listed below
- up to 6 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title	Prerequisite unit
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	
AURASA002	Follow safe working practices in an automotive workplace	
AURETK002	Use and maintain electrical test equipment in an automotive workplace	
AURETR006	Solder electrical wiring and circuits	
AURETR007	Apply knowledge of automotive electrical circuits and wiring systems	
AURETR009	Install vehicle lighting and wiring systems	
AURETR010	Repair wiring harnesses and looms	
AURETR012	Test and repair basic electrical circuits	
AURETR023	Diagnose and repair spark ignition engine management systems	
AURETR024	Diagnose and repair compression ignition engine management systems	
AURETR025	Test, charge and replace batteries and jump-start vehicles	
AURETR027	Install ancillary electronic systems and components	
AURETR028	Diagnose and repair instruments and warning systems	
AURETR029	Diagnose and repair charging systems	
AURETR030	Diagnose and repair starting systems	
AURETR031	Diagnose and repair ignition systems	
AURETR032	Diagnose and repair automotive electrical systems	
AURETR035	Apply knowledge of petrol and diesel engine operation	
AURETR043	Diagnose and repair electronic body management systems	
AURTTA018	Carry out diagnostic procedures	



## Elective Units

Unit code	Unit title	Prerequisite unit
AURFAA003	Communicate effectively in an automotive workplace	
AURAKA002	Adapt work processes to new technologies in an automotive workplace	
AURAMA001	Work effectively with others in an automotive workplace	
AURAMA002	Communicate business information in an automotive workplace	
AURAQA002	Inspect technical quality of work in an automotive workplace	
AURAQA003	Maintain quality processes in an automotive workplace	
AURATA004	Provide technical guidance	
AURATA005	Estimate and quote automotive mechanical and electrical repairs	
AURETB001	Diagnose and repair electric braking systems	
AURETD001	Diagnose and repair electronically controlled steering systems	
AURETH001	Depower and reinitialise battery electric vehicles	
AURETH002	Service and maintain battery electric vehicles	AURETH001
AURETH011	Depower and reinitialise hybrid electric vehicles	
AURETR005	Install automotive security systems and components	
AURETR008	Remove and replace electrical units and assemblies	
AURETR011	Install basic ancillary electrical systems and components	
AURETR013	Inspect, test and service charging systems	
AURETR014	Inspect, test and service starting systems	
AURETR015	Inspect, test and service batteries	
AURETR016	Read and apply vehicle wiring schematics and drawings	
AURETR017	Overhaul charging system alternators	
AURETR018	Overhaul starting system motors	
AURETR019	Inspect, service and repair AC electric motor drive systems	
AURETR020	Diagnose and repair network electronic control systems	
AURETR021	Inspect, service and repair electronic management, monitoring and tracking systems	
AURETR022	Diagnose and repair vehicle dynamic control systems	
AURETR026	Remove, replace and program electrical and electronic units and assemblies	
AURETR036	Diagnose and repair electronically controlled suspension systems	
AURETR042	Remove, refit and operate electrical components following body repair activities	
AURETR044	Diagnose and repair integrated engine and transmission management systems	
AURETR045	Inspect, service and repair DC electric motor drive systems	
AURETU001	Install air conditioning systems	

AURETU002	Recover vehicle refrigerants	
AURETU003	Service air conditioning and HVAC systems	
AURETU004	Diagnose and repair air conditioning and HVAC systems	
AURETU005	Retrofit and modify air conditioning and HVAC systems	
AURETU007	Overhaul air conditioning and HVAC system compressors	
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	
AURLTD004	Diagnose and repair light vehicle steering systems	
AURLTD005	Diagnose and repair light vehicle suspension systems	
AURLTE001	Remove and install light vehicle engine assemblies	
AURLTE002	Diagnose and repair light vehicle engines	
AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	
AURPTR002	Test and service electric outdoor power equipment	
AURRTR006	Diagnose and repair marine electrical systems	
AURRTR007	Install marine electrical systems and components	
AURTTA004	Carry out servicing operations	
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	
AURTTA017	Carry out vehicle safety inspections	
AURTTA021	Diagnose complex system faults	
AURTTB001	Inspect and service braking systems	
AURTTC003	Diagnose and repair cooling systems	
AURTTE004	Inspect and service engines	
AURTTF001	Inspect and service petrol fuel systems	
AURTTK002	Use and maintain tools and equipment in an automotive workplace	
AUR TTL010	Install LPG, CNG and LNG electrical control equipment	
AURTTW001	Carry out soft soldering techniques	
AURTTZ002	Diagnose and repair exhaust systems	
AURVTA002	Remove and replace vehicle supplementary restraint systems	
AURVTA004	Inspect damaged vehicle systems and recommend repairs	
AURVTT003	Remove and replace automotive and marine interior trim components	
AURVTW001	Carry out manual metal arc welding on components	
AURVTW002	Carry out oxyacetylene brazing of components	
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	
AURVTW004	Carry out tungsten inert gas welding	
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting	
BSBINN301	Promote innovation in a team environment	
BSBWHS301	Maintain workplace safety	
TAEDEL301	Provide work skill instruction	



## AUR30616 - Certificate III in Light Vehicle Mechanical Technology (Release 1)

### Packaging Rules

Total number of units = 36

20 core units, plus

16 elective units, of which:

- up to 16 units may be chosen from the Elective Units listed below
- up to 6 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title	Prerequisite unit
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	
AURASA002	Follow safe working practices in an automotive workplace	
AURETR012	Test and repair basic electrical circuits	
AURETR023	Diagnose and repair spark ignition engine management systems	
AURETR025	Test, charge and replace batteries and jump-start vehicles	
AURETR029	Diagnose and repair charging systems	
AURETR030	Diagnose and repair starting systems	
AURETR031	Diagnose and repair ignition systems	
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	
AURLTD004	Diagnose and repair light vehicle steering systems	
AURLTD005	Diagnose and repair light vehicle suspension systems	
AURLTE002	Diagnose and repair light vehicle engines	
AURLTZ001	Diagnose and repair light vehicle emission control systems	
AURTTA004	Carry out servicing operations	
AURTTA018	Carry out diagnostic procedures	
AURTTB001	Inspect and service braking systems	
AURTTC003	Diagnose and repair cooling systems	
AURTTE004	Inspect and service engines	
AURTTF001	Inspect and service petrol fuel systems	
AURTTK002	Use and maintain tools and equipment in an automotive workplace	

### Elective Units

Unit code	Unit title	Prerequisite unit
AURACA001	Respond to customer needs and enquiries in an automotive workplace	
AURFA003	Communicate effectively in an automotive workplace	
AURETD001	Diagnose and repair electronically controlled steering systems	
AURETH001	Depower and reinitialise battery electric vehicles	
AURETH002	Service and maintain battery electric vehicles	AURETH001
AURETH011	Depower and reinitialise hybrid electric vehicles	
AURETR010	Repair wiring harnesses and looms	
AURETR011	Install basic ancillary electrical systems and components	
AURETR020	Diagnose and repair network electronic control systems	
AURETR022	Diagnose and repair vehicle dynamic control systems	
AURETR024	Diagnose and repair compression ignition engine management systems	
AURETR028	Diagnose and repair instruments and warning systems	
AURETR032	Diagnose and repair automotive electrical systems	
AURETR036	Diagnose and repair electronically controlled suspension systems	
AURETR043	Diagnose and repair electronic body management systems	
AURETR044	Diagnose and repair integrated engine and transmission management systems	
AURETU003	Service air conditioning and HVAC systems	
AURETU004	Diagnose and repair air conditioning and HVAC systems	
AURETU005	Retrofit and modify air conditioning and HVAC systems	
AURLTD001	Select and install performance enhanced suspension system products	
AURLTD002	Service and repair light vehicle lift assisted suspension systems	
AURLTD006	Carry out light vehicle wheel alignment operations	
AURLTE001	Remove and install light vehicle engine assemblies	
AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems	
AURLTJ001	Select light vehicle tyres and wheels for specific applications	
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	
AURLTJ003	Remove, inspect and refit light vehicle wheel and tyre assemblies	
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	
AURLTQ002	Diagnose and repair light vehicle drive shafts	
AURLTX001	Diagnose and repair light vehicle manual transmissions	
AURLTX002	Diagnose and repair light vehicle automatic transmissions	
AURLTX003	Diagnose and repair light vehicle clutch systems	

AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	
AURTTA009	Carry out mechanical pre-repair operations	
AURTTA017	Carry out vehicle safety inspections	
AURTTB003	Machine brake drums and brake disc rotors	
AURTTB005	Assemble and fit braking system components	
AURTTTC001	Inspect and service cooling systems	
AURTTD002	Inspect and service steering systems	
AURTTD004	Inspect and service suspension systems	
AURTTFF002	Inspect and service diesel fuel injection systems	
AURTTFF005	Diagnose and repair engine forced-induction systems	
AURTTFF006	Diagnose and repair petrol carburettor systems	
AURTTJ001	Balance wheels and tyres	
AURTTK001	Use and maintain measuring equipment in an automotive workplace	
AURTTL007	Inspect and service LPG fuel systems	
AURTTL008	Diagnose and repair LPG fuel systems	
AURTTQ001	Inspect and service final drive assemblies	
AURTTQ003	Inspect and service drive shafts	
AURTTW001	Carry out soft soldering techniques	
AURTTX002	Inspect and service manual transmissions	
AURTTX003	Inspect and service automatic transmissions	
AURTTZ002	Diagnose and repair exhaust systems	
AURVTA004	Inspect damaged vehicle systems and recommend repairs	
AURVTW001	Carry out manual metal arc welding on components	
AURVTW002	Carry out oxyacetylene brazing of components	
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	
AURVTW004	Carry out tungsten inert gas welding	
AURVTW008	Carry out oxyacetylene welding, thermal heating and cutting	
AURVTW009	Carry out basic gas metal arc welding	

## AUR30616 - Certificate III in Light Vehicle Mechanical Technology (Release 2)

### Packaging Rules

Total number of units = 36

20 core units, plus

16 elective units, of which:

- up to 16 units may be chosen from the Elective Units listed below
- up to 6 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title	Prerequisite unit
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	
AURASA002	Follow safe working practices in an automotive workplace	
AURETR012	Test and repair basic electrical circuits	
AURETR023	Diagnose and repair spark ignition engine management systems	
AURETR025	Test, charge and replace batteries and jump-start vehicles	
AURETR029	Diagnose and repair charging systems	
AURETR030	Diagnose and repair starting systems	
AURETR031	Diagnose and repair ignition systems	
AURLTB003	Diagnose and repair light vehicle hydraulic braking systems	
AURLTD004	Diagnose and repair light vehicle steering systems	
AURLTD005	Diagnose and repair light vehicle suspension systems	
AURLTE002	Diagnose and repair light vehicle engines	
AURLTZ001	Diagnose and repair light vehicle emission control systems	
AURTTA004	Carry out servicing operations	
AURTTA018	Carry out diagnostic procedures	
AURTTB001	Inspect and service braking systems	
AUR TTC003	Diagnose and repair cooling systems	
AUR TTE004	Inspect and service engines	
AUR TTF001	Inspect and service petrol fuel systems	
AUR TTK002	Use and maintain tools and equipment in an automotive workplace	

### Elective Units

Unit code	Unit title	Prerequisite unit
AURACA001	Respond to customer needs and enquiries in an automotive workplace	
AURAF003	Communicate effectively in an automotive workplace	
AURETD011	Diagnose and repair electronically controlled steering systems	
AURETH001	Depower and reinitialise battery electric vehicles	
AURETH002	Service and maintain battery electric vehicles	AURETH001
AURETH011	Depower and reinitialise hybrid electric vehicles	
AURETR010	Repair wiring harnesses and looms	
AURETR011	Install basic ancillary electrical systems and components	
AURETR020	Diagnose and repair network electronic control systems	
AURETR022	Diagnose and repair vehicle dynamic control systems	
AURETR024	Diagnose and repair compression ignition engine management systems	
AURETR028	Diagnose and repair instruments and warning systems	
AURETR032	Diagnose and repair automotive electrical systems	
AURETR136	Diagnose and repair electronically controlled suspension systems	
AURETR043	Diagnose and repair electronic body management systems	
AURETR044	Diagnose and repair integrated engine and transmission management systems	
AURETU003	Service air conditioning and HVAC systems	
AURETU004	Diagnose and repair air conditioning and HVAC systems	
AURETU005	Retrofit and modify air conditioning and HVAC systems	
AURLTD001	Select and install performance enhanced suspension system products	
AURLTD002	Service and repair light vehicle lift assisted suspension systems	
AURLTD006	Carry out light vehicle wheel alignment operations	
AURLTE001	Remove and install light vehicle engine assemblies	
AURLTF001	Diagnose and repair light vehicle mechanical fuel injection systems	
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems	
AURLTJ002	Remove, inspect, repair and refit light vehicle tyres and tubes	
AURLTJ011	Select light vehicle tyres and wheels for specific applications	
AURLTJ013	Remove, inspect and refit light vehicle wheel and tyre assemblies	
AURLTQ001	Diagnose and repair light vehicle final drive assemblies	
AURLTQ012	Diagnose and repair light vehicle drive shafts	
AURLTX001	Diagnose and repair light vehicle manual transmissions	
AURLTX002	Diagnose and repair light vehicle automatic transmissions	
AURLTX013	Diagnose and repair light vehicle clutch systems	



AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	
AURTTA009	Carry out mechanical pre-repair operations	
AURTTA017	Carry out vehicle safety inspections	
AURTTB013	Machine brake drums and brake disc rotors	
AURTTB015	Assemble and fit braking system components	
AURTTTC001	Inspect and service cooling systems	
AURTTD002	Inspect and service steering systems	
AURTTD004	Inspect and service suspension systems	
AURTTFF002	Inspect and service diesel fuel injection systems	
AURTTFF005	Diagnose and repair engine forced-induction systems	
AURTTFF006	Diagnose and repair petrol carburettor systems	
AURTTJ011	Balance wheels and tyres	
AURTTK001	Use and maintain measuring equipment in an automotive workplace	
AURTTL007	Inspect and service LPG fuel systems	
AURTTL008	Diagnose and repair LPG fuel systems	
AURTTQ001	Inspect and service final drive assemblies	
AURTTQ003	Inspect and service drive shafts	
AURTTW001	Carry out soft soldering techniques	
AURTTX002	Inspect and service manual transmissions	
AURTTX003	Inspect and service automatic transmissions	
AURTTZ002	Diagnose and repair exhaust systems	
AURVTA004	Inspect damaged vehicle systems and recommend repairs	
AURVTW001	Carry out manual metal arc welding on components	
AURVTW002	Carry out oxyacetylene brazing of components	
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections	
AURVTW004	Carry out tungsten inert gas welding	
AURVTW009	Carry out basic gas metal arc welding	
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting	

## AUR31016 - Certificate III in Automotive Sales (Release 1)

### Packaging Rules

Total number of units = 20

10 core units, plus

10 elective units, of which:

- 6 units must be chosen from one of the Specialist Elective Unit Groups A or B below
- of the remaining units required to make up the elective unit total:
  - up to 4 units may be chosen from the Specialist Elective Unit Groups and the General Elective Units listed below
  - up to 4 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURAF004	Resolve routine problems in an automotive workplace
AURAMA004	Maintain business image in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURSAA001	Process customer complaints in an automotive workplace
AURSCA005	Sell automotive products and services
AURSCA006	Promote automotive products and services
AURSCA011	Conduct online transactions in an automotive workplace
AURSLA001	Comply with legal requirements when selling automotive products and services

### Specialist Elective Unit Groups

#### Group A: Parts Interpreting

Unit code	Unit title
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURSBA001	Carry out warehousing procedures in an automotive workplace
AURSBA002	Identify and match uncommon automotive parts
AURSCA001	Select and supply automotive parts and products

BSBPRO401	Develop product knowledge
BSBWOR204	Use business technology
SIRRINV002	Control stock
SIRXMER201	Merchandise products
TLIA2012	Pick and process orders

### Group B: Vehicle, Farm Machinery and Motorcycles Sales

Unit code	Unit title
AURSCA002	Present automotive products and services for sale
AURSCA003	Apply sales procedures in an automotive workplace
AURSCA007	Determine used motor vehicle stock requirements
AURSCA008	Wholesale used motor vehicle stock
AURSCA009	Provide vehicle technology information
BSBSLS407	Identify and plan sales prospects
BSBSLS408	Present, secure and support sales solutions

### General Elective Units

Unit code	Unit title
AURACA003	Build customer relations in an automotive workplace
AURAF001	Use numbers in an automotive workplace
AURAF002	Read and respond to automotive workplace information
AURAF003	Communicate effectively in an automotive workplace
AURAMA002	Communicate business information in an automotive workplace
AURAMA003	Conduct information sessions in an automotive workplace
AURQA001	Contribute to quality work outcomes in an automotive workplace
AURSCA001	Select and supply automotive parts and products
AURSCA002	Present automotive products and services for sale
AURSCA004	Carry out cash and non-cash payment operations
AURSCA007	Determine used motor vehicle stock requirements
AURSCA008	Wholesale used motor vehicle stock
AURSCA010	Appraise and purchase used motor vehicles for sale
AURSCP001	Provide information to customers on automotive refinishing products
BSBFIA301	Maintain financial records
SIRRINV001	Receive and handle retail stock
SIRRMER003	Coordinate visual merchandising activities
SIRRRTF001	Balance and secure point-of-sale terminal
SIRXICT001A	Operate retail technology
SIRXSL002	Follow point-of-sale procedures
TAEDEL301	Provide work skill instruction
TLIA2012	Pick and process orders
TLIA2020	Replenish stock

## AUR31516 - Certificate III in Automotive Diesel Engine Technology (Release 1)

### Packaging Rules

Total number of units = 28

14 core units, plus

14 elective units, of which:

- up to 14 units may be chosen from the Elective Units listed below
- up to 5 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURTTA004	Carry out servicing operations
AURTTA018	Carry out diagnostic procedures
AURTTE004	Inspect and service engines
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTM004	Assemble engine blocks and sub-assemblies
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies
AURTTM011	Recondition engine cylinder heads

### Elective Units

Unit code	Unit title
AURAF003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR028	Diagnose and repair instruments and warning systems
AURETR029	Diagnose and repair charging systems

AURETR030	Diagnose and repair starting systems
AURETR032	Diagnose and repair automotive electrical systems
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURMTE001	Test engines using a dynamometer
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTA009	Carry out mechanical pre-repair operations
AURTTF002	Inspect and service diesel fuel injection systems
AURTTF005	Diagnose and repair engine forced-induction systems
AUR TTL001	Inspect and service CNG fuel systems
AUR TTL002	Diagnose and repair CNG fuel systems
AURVTW001	Carry out manual metal arc welding on components
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW009	Carry out basic gas metal arc welding
MEM05006C	Perform brazing and or silver soldering
MEM05007C	Perform manual heating and thermal cutting
MEM18028B	Maintain engine lubrication systems

## AUR31416 - Certificate III in Automotive Diesel Fuel Technology (Release 2)

Total number of units = 21

13 core units, plus

8 elective units, of which:

- up to 8 units may be chosen from the Elective Units listed below
- up to 4 units may be chosen from a Certificate II qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR024	Diagnose and repair compression ignition engine management systems
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA018	Carry out diagnostic procedures
AURTTE004	Inspect and service engines
AURTTF002	Inspect and service diesel fuel injection systems
AURTTF003	Overhaul diesel fuel injection system components
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTK002	Use and maintain tools and equipment in an automotive workplace

### Elective Units

Unit code	Unit title
AURAF A003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURLTF002	Diagnose and repair light vehicle diesel fuel injection systems
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA011	Install hydraulic systems to specified applications

AURTTA012	Fabricate and install fluid power hose assemblies
AURTTA013	Diagnose and repair hydraulic systems
AURTTC003	Diagnose and repair cooling systems
AURTTZ002	Diagnose and repair exhaust systems
AURVTW001	Carry out manual metal arc welding on components
AURVTW003	Carry out advanced gas metal arc welding on vehicle body sections
AURVTW004	Carry out tungsten inert gas welding
AURVTW009	Carry out basic gas metal arc welding
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting

## AUR40816 - Certificate IV in Automotive Mechanical Overhauling (Release 1)

### Packaging Rules

Total number of units = 10

1 core unit, plus

9 elective units, of which:

- up to 9 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate III qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURTTA021	Diagnose complex system faults

### Elective Units

Unit code	Unit title
AURETR017	Overhaul charging system alternators
AURETR018	Overhaul starting system motors
AURETU007	Overhaul air conditioning and HVAC system compressors
AURHTB003	Overhaul hydraulic and air over hydraulic braking system components
AURHTB004	Overhaul air braking system components
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURLTB001	Overhaul light vehicle braking system components
AURLTD006	Carry out light vehicle wheel alignment operations
AURMTA007	Conduct non-destructive testing
AURMTE001	Test engines using a dynamometer
AURPTE004	Overhaul outdoor power equipment engines
AURRTE011	Overhaul two and four-stroke cycle marine outboard engines
AURTTD005	Overhaul steering system components
AURTTE005	Overhaul engines
AURTTF003	Overhaul diesel fuel injection system components
AURTTF007	Overhaul carburettor fuel system components
AURTTM001	Operate and monitor computer numerical control machines
AURTTM002	Repair bearing tunnels and connecting rods in engines
AURTTM003	Apply metal to rebuild engine components



AURTTM004	Assemble engine blocks and sub-assemblies
AURTTM005	Balance rotating and reciprocating engine components
AURTTM006	Perform advanced machining and blueprinting of engine components
AURTTM007	Carry out crankshaft grinding
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies
AURTTM009	Fit sleeves and bore and hone engine cylinders
AURTTM010	Heat treat, straighten and reclaim engine components
AURTTM011	Recondition engine cylinder heads
AURTTQ004	Overhaul final drive assemblies
AURTTW003	Carry out machining operations
AURTTX007	Overhaul clutch assemblies
AURTTX008	Overhaul manual transmissions
AURTTX009	Overhaul automatic transmissions
AURTTX010	Overhaul hydrostatic transmissions

## AUR40116 - Certificate IV in Automotive Management (Release 1)

### Packaging Rules

Total number of units = 10

6 core units, plus

4 elective units, of which:

- up to 4 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate III qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURACA003	Build customer relations in an automotive workplace
AURAEA004	Manage environmental and sustainability best practice in an automotive workplace
AURAMA004	Maintain business image in an automotive workplace
AURAMA005	Manage complex customer issues in an automotive workplace
BSBSMB407	Manage a small team
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements

### Elective Units

Unit code	Unit title
AURAAA002	Determine retail rates for automotive products and services
AURAKA002	Adapt work processes to new technologies in an automotive workplace
AURALA001	Comply with legal aspects of a service and repair contract in an automotive workplace
AURAMA003	Conduct information sessions in an automotive workplace
AURAQA003	Maintain quality processes in an automotive workplace
AURATA005	Estimate and quote automotive mechanical and electrical repairs
BSBITS401	Maintain business technology
BSBLDR402	Lead effective workplace relationships
BSBSMB406	Manage small business finances

BSBWOR404	Develop work priorities
FNSASIC302	Develop, present and negotiate client solutions
TAEDEL404	Mentor in the workplace

## AUR40216 - Certificate IV in Automotive Mechanical Diagnosis (Release 1)

### Packaging Rules

Total number of units = 10

1 core unit, plus

9 elective units, of which:

- up to 9 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate III qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title	Prerequisite unit
AURTTA021	Diagnose complex system faults	

### Elective Units

Unit code	Unit title	Prerequisite unit
AURETH003	Diagnose and repair high voltage rechargeable energy storage systems in battery electric vehicles	AURETH001
AURETH004	Diagnose and repair traction motor speed control systems in battery electric vehicles	AURETH001
AURETH005	Diagnose and repair high voltage traction motors in battery electric vehicles	AURETH001
AURETH006	Diagnose and repair auxiliary motors and associated components in battery electric vehicles	AURETH001
AURETH007	Diagnose and repair system instrumentation and safety interlocks in battery electric vehicles	AURETH001
AURETH008	Diagnose and repair HVAC and rechargeable energy storage cooling systems in battery electric vehicle	AURETH001
AURETH009	Diagnose and repair DC to DC converters in battery electric vehicles	AURETH001 AURETR025
AURETH010	Diagnose and repair high voltage rechargeable energy storage systems in hybrid electric vehicles	AURETR025
AURETR037	Diagnose complex faults in light vehicle safety systems	
AURETU006	Diagnose complex faults in air conditioning and HVAC systems	

AURHTB006	Diagnose complex faults in heavy commercial vehicle braking systems	
AURHTD006	Diagnose complex faults in heavy commercial vehicle steering and suspension systems	
AURHTE003	Diagnose complex faults in heavy vehicle diesel engines	
AURHTX006	Diagnose complex faults in heavy commercial vehicle transmission and driveline systems	
AURJTD005	Diagnose complex faults in motorcycle steering and suspension systems	
AURJTE002	Diagnose complex faults in motorcycle engine and transmission systems	
AURKTA009	Diagnose complex faults in mobile plant hydraulic systems	
AURKTB003	Diagnose complex faults in mobile plant braking systems	
AURKTD005	Diagnose complex faults in mobile plant steering and suspension systems	
AURKTX003	Diagnose complex faults in mobile plant transmission and driveline systems	
AURLTB004	Diagnose complex faults in light vehicle braking systems	
AURLTD009	Diagnose complex faults in light vehicle steering and suspension systems	
AURLTE004	Diagnose complex faults in light vehicle petrol engines	
AURLTE005	Diagnose complex faults in light vehicle diesel engines	
AURLTX004	Diagnose complex faults in light vehicle automatic transmission and driveline systems	
AURMTA007	Conduct non-destructive testing	
AURMTE001	Test engines using a dynamometer	
AURMTF001	Analyse and repair performance carburetted fuel systems	
AURMTF002	Analyse and repair performance fuel injection systems	
AURMTQ001	Analyse and repair faults in performance driveline systems	
AURTTA025	Diagnose complex faults in vehicle integrated stability control systems	
AURTTA026	Diagnose complex faults in electronic over hydraulic systems	
AURTTL011	Diagnose complex faults in CNG fuel systems	
AURTTL012	Diagnose complex faults in LNG fuel systems	
AURTTL013	Diagnose complex faults in LPG fuel systems	
AURTTR001	Diagnose complex faults in engine management systems	

## AUR40416 - Certificate IV in Automotive Performance Enhancement (Release 1)

### Packaging Rules

Total number of units = 10

3 core units, plus

7 elective units, of which:

- up to 7 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate III qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURMTE001	Test engines using a dynamometer
AURMTF002	Analyse and repair performance fuel injection systems
AURTTA021	Diagnose complex system faults

### Elective Units

Unit code	Unit title
AURAEA003	Monitor environmental and sustainability best practice in an automotive workplace
AURAF006	Conduct research and present technical reports
AURAF007	Develop and document specifications and procedures
AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace
AURETR023	Diagnose and repair spark ignition engine management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications
AURLTB001	Overhaul light vehicle braking system components
AURLTD005	Diagnose and repair light vehicle suspension systems
AURLTQ001	Diagnose and repair light vehicle final drive assemblies
AURLTQ002	Diagnose and repair light vehicle drive shafts
AURLTX001	Diagnose and repair light vehicle manual transmissions
AURMTA003	Determine material suitability for competition vehicle components
AURMTA007	Conduct non-destructive testing
AURMTA008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles

AURMTD001	Test suspension dampers using a dynamometer
AURMTD002	Prepare competition vehicle suspension
AURMTF001	Analyse and repair performance carburetted fuel systems
AURMTJ001	Select and prepare motor sport competition vehicle tyres and wheels
AURMTQ001	Analyse and repair faults in performance driveline systems
AURTNA001	Estimate and quote automotive vehicle or machinery modifications
AURTTA022	Develop and apply mechanical system modifications
AURTTA023	Develop and apply hydraulic system modifications
AURTTD004	Inspect and service suspension systems
AURTTD005	Overhaul steering system components
AURTTE005	Overhaul engines
AURTTF001	Inspect and service petrol fuel systems
AURTTF006	Diagnose and repair petrol carburettor systems
AURTTF007	Overhaul carburettor fuel system components
AURTTL015	Develop and apply gas fuel system modifications
AURTTQ004	Overhaul final drive assemblies
AURTTX007	Overhaul clutch assemblies
AURTTX008	Overhaul manual transmissions
AURTTX009	Overhaul automatic transmissions
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
MEM30012A	Apply mathematical techniques in a manufacturing engineering or related environment

## AUR50116 - Diploma of Automotive Management (Release 1)

### Packaging Rules

Total number of units = 12

6 core units, plus

6 elective units, of which:

- up to 6 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAEA004	Manage environmental and sustainability best practice in an automotive workplace
AURAMA005	Manage complex customer issues in an automotive workplace
AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace
BSBFIM501	Manage budgets and financial plans
BSBMGT502	Manage people performance
BSBWHS501	Ensure a safe workplace

### Elective Units

Unit code	Unit title
AURAAA002	Determine retail rates for automotive products and services
BSBCUS501	Manage quality customer service
BSBFIA401	Prepare financial reports
BSBFRA403	Manage relationship with franchisor
BSBHRM405	Support the recruitment, selection and induction of staff
BSBHRM505	Manage remuneration and employee benefits
BSBINN502	Build and sustain an innovative work environment
BSBLED401	Develop teams and individuals
BSBMGT517	Manage operational plan
BSBMKG523	Design and develop an integrated marketing communication plan
BSBPUR402	Negotiate contracts
BSBWOR501	Manage personal work priorities and professional development
BSBWOR502	Lead and manage team effectiveness
SITXADM004A	Plan and manage meetings
TLIA4005	Check and evaluate records and documentation





## AUR50316 - Diploma of Motor Sport Technology (Release 1)

### Packaging Rules

Total number of units = 9

3 core units, plus

6 elective units, of which:

- up to 6 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAMA006	Contribute to planning and implementing business improvement in an automotive workplace
AURMMA003	Manage motor sport operations
AURMMA004	Manage motor sport team development

### Elective Units

Unit code	Unit title
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETR034	Develop and apply electrical system modifications
AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURMCA001	Manage motor sport team media liaison
AURMCA002	Manage motor sport team promotional partnerships and marketing
AURMMA005	Manage team pit lane and service area operations at motor sport events
AURMMA006	Develop and implement race strategies for motor sport events

AURMTA003	Determine material suitability for competition vehicle components
AURMTA008	Apply aerodynamic and vehicle dynamic principles and effects to competition vehicles
AURTTA022	Develop and apply mechanical system modifications
BSBWHS401	Implement and monitor WHS policies, procedures and programs to meet legislative requirements
MSAENV672B	Develop workplace policy and procedures for environmental sustainability

## AUR50216 - Diploma of Automotive Technology (Release 2)

### Packaging Rules

Total number of units = 12

1 core unit, plus

11 elective units, of which:

- up to 11 units may be chosen from the Elective Units listed below
- up to 2 units may be chosen from a Certificate IV qualification or above in this Training Package or another endorsed Training Package or accredited course, provided that the units chosen contribute to the vocational outcome of this qualification and do not duplicate the outcome of another unit chosen for the qualification.

### Core Units

Unit code	Unit title
AURAF007	Develop and document specifications and procedures

### Elective Units

Unit code	Unit title
AURAF006	Conduct research and present technical reports
AURETA001	Analyse and evaluate electrical and electronic faults in electronic over hydraulic systems
AURETA002	Analyse and evaluate electrical and electronic faults in body management systems
AURETA003	Analyse and evaluate electrical and electronic faults in monitoring and protection systems
AURETA004	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURETA005	Analyse and evaluate electrical and electronic faults in theft-deterrent systems
AURETA006	Analyse and evaluate electrical and electronic faults in air conditioning and HVAC systems
AURETB002	Analyse and evaluate electrical and electronic faults in dynamic control management systems
AURETE001	Analyse and evaluate electrical and electronic faults in engine management systems
AURETH013	Analyse and evaluate electrical and electronic faults in HEV and BEV management systems
AURETR033	Develop and apply network electronic control system modifications
AURETR034	Develop and apply electrical system modifications

AURETX001	Analyse and evaluate electrical and electronic faults in driveline management systems
AURHTB005	Analyse and evaluate faults in heavy commercial vehicle braking systems
AURHTD005	Analyse and evaluate faults in heavy commercial vehicle steering and suspension systems
AURHTE004	Analyse and evaluate faults in heavy commercial vehicle engine and fuel systems
AURHTX005	Analyse and evaluate faults in heavy commercial vehicle transmission and driveline systems
AURJTA003	Analyse and evaluate faults in motorcycle engine and transmission systems
AURJTB002	Analyse and evaluate faults in motorcycle braking systems
AURJTD006	Analyse and evaluate faults in motorcycle steering, suspension and frame systems
AURJTR001	Analyse and evaluate faults in motorcycle electrical and electronic systems
AURKTA006	Analyse and evaluate faults in track type mobile plant transmission, steering and braking systems
AURKTA007	Analyse and evaluate faults in mobile plant hydraulic systems
AURKTB002	Analyse and evaluate faults in wheeled mobile plant braking systems
AURKTD003	Analyse and evaluate faults in wheeled mobile plant steering and suspension systems
AURKTD004	Analyse and evaluate faults in track type mobile plant undercarriage and suspension systems
AURKTE001	Analyse and evaluate faults in mobile plant engine and fuel systems
AURKTX002	Analyse and evaluate faults in wheeled mobile plant transmission and driveline systems
AURLTB002	Analyse and evaluate faults in light vehicle braking systems
AURLTD007	Analyse and evaluate faults in light vehicle steering and suspension systems
AURLTE003	Analyse and evaluate faults in light vehicle engine and fuel systems
AURLTQ003	Analyse and evaluate faults in light vehicle transmission and driveline systems
AURRTA007	Analyse and evaluate faults in light marine hydraulic systems
AURRTA008	Analyse and evaluate faults in light marine hull performance and stability systems
AURRTE012	Analyse and evaluate faults in light marine engine and powerhead systems
AURRTX005	Analyse and evaluate faults in light marine transmission systems
AURTNA001	Estimate and quote automotive vehicle or machinery modifications
AURTTA022	Develop and apply mechanical system modifications

AURTTA023	Develop and apply hydraulic system modifications
AURTTA024	Develop and apply pneumatic system modifications
AURTTL014	Analyse and evaluate faults in gas fuel systems
AURTTL015	Develop and apply gas fuel system modifications
AURVTN034	Evaluate vehicle body repair materials, equipment and work processes
MSMENV472	Implement and monitor environmentally sustainable work practices
MSMENV672	Develop workplace policy and procedures for environmental sustainability