



Stage 6 Syllabus

Automotive Curriculum Framework

Part A

Course Structures and Requirements

for implementation from 2008

Automotive (120 indicative hours)

Automotive (240 indicative hours)

Automotive Specialisation Study (60 or 120 indicative hours)

Automotive School-based Apprenticeship (240 indicative hours)

Automotive School-based Apprenticeship Specialisation (60 or 120 indicative hours)

2007

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1 Introduction to Industry Curriculum Frameworks

Industry curriculum frameworks give students the opportunity to gain credit towards the NSW Higher School Certificate (HSC) and credit towards national vocational qualifications under the Australian Qualifications Framework (AQF).

Industry curriculum frameworks are based on nationally endorsed Training Packages. They specify the range of industry-developed units of competency from the relevant Training Packages which are suitable for the HSC. They also define how units of competency are arranged in HSC Vocational Education and Training (VET) courses to gain unit credit for the HSC.

This Industry Curriculum Framework document contains the HSC Automotive VET courses to be delivered for the HSC by schools, TAFE NSW colleges and other Registered Training Organisations (RTOs) on behalf of schools or TAFE NSW colleges.

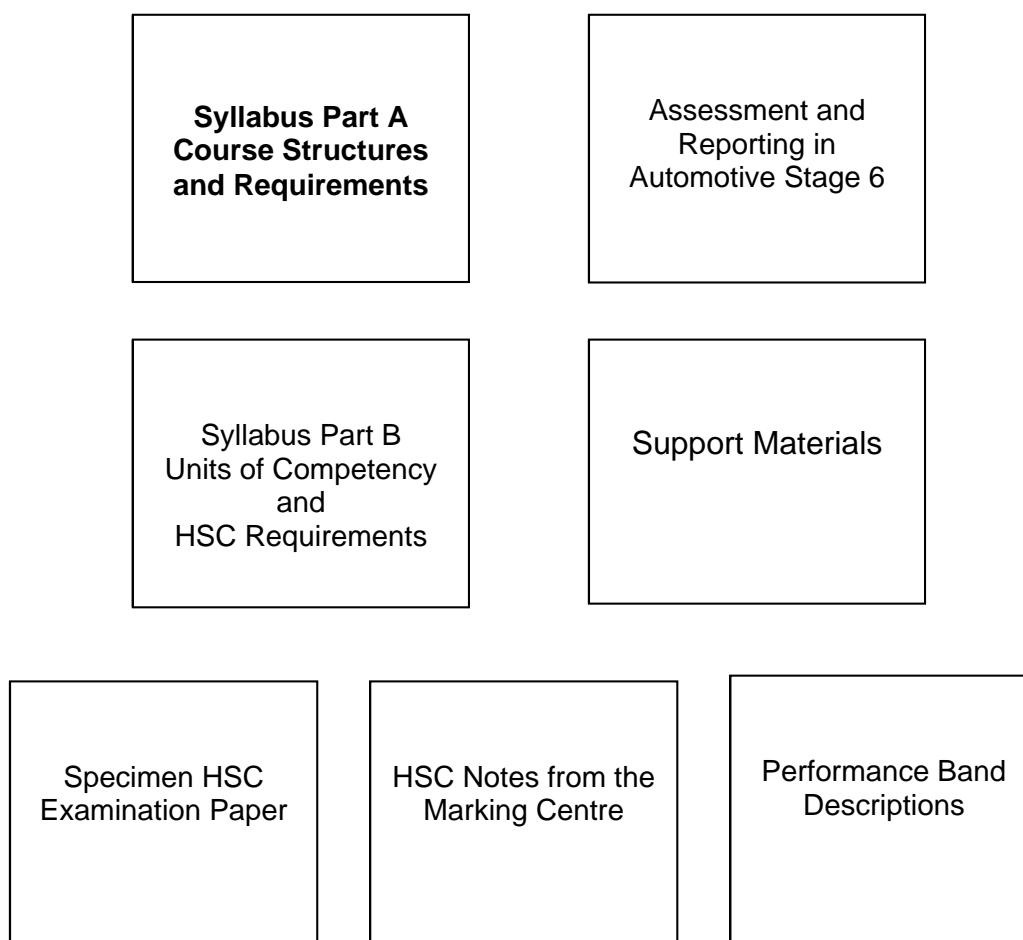
2 Documents Associated with Industry Curriculum Frameworks

The purpose of the industry curriculum framework documents is to assist teachers and trainers to develop teaching and assessment programs, and to help manage competency achievement by HSC candidates.

Part A of the *Automotive Curriculum Framework Stage 6 Syllabus* describes how students may achieve unit credit towards the HSC and credit towards a vocational qualification. It contains general advice about the Automotive Curriculum Framework and describes course structures and requirements, including work placement. This document should be used as the first reference when planning to implement courses for the HSC.

The set of documents associated with the Framework is shown below.

2.1 Automotive Curriculum Framework Stage 6 Syllabus documentation



3 The Higher School Certificate Program of Study

The purpose of the HSC program of study is to:

- provide a curriculum structure which encourages students to complete secondary education
- foster the intellectual, social and moral development of students, in particular developing their:
 - knowledge, skills, understanding and attitudes in the fields of study they choose
 - capacity to manage their own learning
 - desire to continue learning in formal or informal settings after school
 - capacity to work with others
 - respect for the cultural diversity of Australian society
- provide a flexible structure within which students can prepare for:
 - further education and training
 - employment
 - full and active participation as citizens
- provide formal assessment and certification of students' achievements
- provide a context within which schools also have the opportunity to foster students' physical and spiritual development.

4 Vocational Education and Training (VET) in the NSW HSC

4.1 The national context

VET programs offered for the HSC are consistent with the National Training Framework (NTF). The NTF is the system of vocational education and training that:

- applies nationally
- is made up of the Australian Quality Training Framework (AQTF) and nationally endorsed Training Packages. The AQTF is the agreed quality framework for the national VET system.

The Australian Qualification Framework (AQF) is the policy framework that defines all qualifications recognised nationally in post-compulsory education and training in Australia. HSC VET course qualifications are recognised within the AQF.

4.2 Determination of AQF VET qualifications for HSC students

The HSC VET industry curriculum frameworks are based on units of competency and qualifications contained in nationally endorsed Training Packages. These AQF VET qualifications are determined by the qualification rules for each Training Package, referred to as *qualification packaging rules*. The qualification packaging rules describe the number and range of units of competency required for eligibility for an AQF VET qualification.

Course structures for the HSC are described in each industry curriculum framework syllabus. In order to have satisfactorily completed a framework course, students must follow the course structure, attempt the required units of competency with diligence and sustained effort, and fulfil work placement requirements.

The rules and structure of HSC VET courses are not always identical to the qualification packaging rules. In some cases more units of competency are required for the HSC course than are required for successful completion of the AQF VET qualification.

In some HSC courses, students might not achieve all of the specified units of competency for the purposes of the HSC, but may still be eligible for the qualification as a result of meeting the requirements of the packaging rules for that AQF VET qualification.

Sections 8.4, 8.5, 8.6, 17.1 and 17.2 outline the course structures within the Automotive Curriculum Framework.

Section 15 outlines the qualification packaging rules for each AQF VET qualification available through the Automotive Curriculum Framework (reproduced directly from the Training Package) and should be consulted when selecting elective units of competency.

5 Rationale

Careers in the automotive industries can be very rewarding and they provide a range of portable skills. The retail, service and repair sector of the automotive industry employs more than 270 000 people across more than 60 000 mostly small businesses and has an annual turnover of more than \$80 billion. There are many career options available in this sector of the industry. The range of jobs includes sale of new and used vehicles, sale of parts and accessories, repair and maintenance of vehicles (including electrical, mechanical and vehicle body repair), performance enhancement, and rectifying and disposing of components at the end of a vehicle's life.¹

The Automotive Industry Retail, Service and Repair Training Package (AUR05) offers qualifications from Certificate I to Diploma and specifies the competencies required for various specialised occupations. The Automotive Curriculum Framework is based on units of competency from this Training Package.

The inclusion of automotive courses in the HSC that are based on industry-recognised AQF VET qualifications will allow students to access both long-term and short-term employment opportunities. Courses within the Automotive Curriculum Framework provide an opportunity for students to gain Certificates I or II or a Statement of Attainment towards Certificate III as part of their HSC. Apart from being nationally recognised, these AQF VET qualifications articulate into higher-level qualifications in the automotive industry, including those which underpin apprenticeship and traineeship pathways, which students may pursue post-school.

The Framework also provides an optional HSC examination, which allows results from the Automotive (240 indicative hours) and Automotive School-based Apprenticeship (240 indicative hours) courses to contribute to the calculation of the Australian Tertiary Admission Rank (ATAR).

Learning in each HSC course within the Automotive Curriculum Framework provides opportunities for students to develop relevant technical, vocational and interpersonal competencies suitable for employment and further training in the automotive industry. It also provides skills, knowledge and experiences – such as teamwork, communication and occupational health and safety – that are transferable to other industry areas.

¹ DEST, 2005, *Automotive Industry Retail, Service and Repair Training Package (AUR05)*, Volume 1, Introduction to AUR05, p 73.

6 Aim

The Automotive Curriculum Framework is designed to enable students to acquire a range of technical, practical, personal and organisational skills valued in and beyond the workplace. They will also acquire underpinning knowledge and skills related to work, employment and further training in the automotive industry. Through the study of this subject, students will gain experiences that can be applied in a range of contexts, including work, study and leisure, that will assist them to make informed career choices.

7 Automotive Curriculum Framework

7.1 Training Package qualifications

The Automotive Curriculum Framework is based on the national **Automotive Industry Retail, Service and Repair Training Package (AUR05)**.

The Automotive Industry Retail, Service and Repair Training Package incorporates five nationally recognised qualification levels ranging from AQF Certificate I in Automotive to Diplomas of Automotive Management, Automotive Technology and Motorsport.

7.2 AQF VET qualifications available in the Automotive Curriculum Framework

The AQF VET qualifications available in the Automotive Curriculum Framework are listed in Table 1 below. Section 15 of this document outlines the qualification packaging rules for the qualifications available through the courses within the Framework.

A Statement of Attainment will be issued for achievement of single or multiple units of competency. At a later date, a person can undertake further skill development or training and be assessed against additional competencies until they have achieved all the competencies required for an AQF VET qualification. RTOs must recognise and give credit for the competencies recorded on a Statement of Attainment.

Table 1 Automotive Industry Training Package qualifications

Qualifications available within the Automotive Industry Retail, Service and Repair Training Package (AUR05)		Qualifications available within the Automotive Curriculum Framework	
<i>National code</i>	<i>Qualification name</i>	<i>Certificate</i>	<i>Statement of Attainment</i>
AUR10105	Certificate I in Automotive	✓	✓
AUR20105	Certificate II in Automotive Administration	–	–
AUR20205	Certificate II in Automotive Aftermarket Manufacturing	–	–
AUR20305	Certificate II in Bicycles	–	–
AUR20408	Certificate II in Automotive Electrical Technology	✓	✓
AUR20505	Certificate II in Automotive Vehicle Servicing	✓	✓
AUR20605	Certificate II in Marine	–	–
AUR20705	Certificate II in Automotive Mechanical	✓	✓
AUR20805	Certificate II in Outdoor Power Equipment	✓	✓
AUR20905	Certificate II in Automotive Vehicle Body	✓	✓
AUR21005	Certificate II in Motorsport	–	–
AUR21105	Certificate II in Automotive Sales	✓	✓
AUR21205	Certificate II in Automotive Warehousing/Distribution Operations	–	–

Qualifications available within the Automotive Industry Retail, Service and Repair Training Package (AUR05)		Qualifications available within the Automotive Curriculum Framework	
<i>National code</i>	<i>Qualification name</i>	<i>Certificate</i>	<i>Statement of Attainment</i>
AUR30105	Certificate III in Automotive Administration	–	–
AUR30205	Certificate III in Bicycles	–	–
AUR30308	Certificate III in Automotive Electrical Technology	–	✓
AUR30405	Certificate III in Automotive Mechanical Technology	–	✓
AUR30505	Certificate III in Marine	–	✓
AUR30605	Certificate III in Automotive Specialist	–	–
AUR30705	Certificate III in Outdoor Power Equipment	–	✓
AUR30805	Certificate III in Automotive Vehicle Body	–	✓
AUR30905	Certificate III in Motorsport	–	–
AUR31005	Certificate III in Automotive Sales	–	✓
AUR31105	Certificate III in Automotive Warehousing/Distribution Operations	–	–
AUR31205	Certificate III in Automotive Retail, Service and Repair	–	–
AUR40105	Certificate IV in Automotive Management	–	–
AUR40208	Certificate IV in Automotive Technology	–	–
AUR40305	Certificate IV in Motorsport	–	–
AUR40405	Certificate IV in Automotive Performance Enhancement	–	–
AUR50105	Diploma of Automotive Management	–	–
AUR50205	Diploma of Automotive Technology	–	–
AUR50305	Diploma of Motorsport	–	–

8 Course Structures

8.1 Courses within the Automotive Curriculum Framework

An industry curriculum framework describes the units of competency that have been identified as being suitable for the purposes of the HSC. Units of competency in the Automotive Curriculum Framework are detailed in **Sections 8.4, 8.5, 8.6, 17.1 and 17.2**. Each course in a framework describes how the available units of competency can be grouped to gain units of credit towards the HSC.

The Automotive Curriculum Framework contains the following courses:

- Automotive (120 indicative hours)
- Automotive (240 indicative hours)
- Automotive Specialisation Study (60 or 120 indicative hours)
- Automotive School-based Apprenticeship (240 indicative hours)
- Automotive School-based Apprenticeship Specialisation (60 or 120 indicative hours).

The maximum number of Preliminary and/or HSC units available from this Framework is six units. That is, courses can total up to 360 hours. In addition to courses within the Framework, students may undertake locally designed Board Endorsed VET courses drawing from the Automotive Industry Retail, Service and Repair Training Package (AUR05). Such courses may provide additional HSC credit for students.

Mandatory units of competency are those that all students must attempt in their study of the HSC course (refer to Section 8, Tables 2 and 3 and Section 17, Table 7).

Examinable units of competency are those that can be examined in the optional HSC examination (refer to Section 11.3).

Compulsory units of competency are those required by the Automotive Industry Retail, Service and Repair Training Package for a student to be eligible for the vocational qualification (refer to Section 15).

8.1.1 The selection of units of competency

Units of competency should be selected within course structures to maximise students' eligibility for AQF VET qualifications and an occupational outcome. **Section 15** provides the qualification packaging rules for the qualification available through the Automotive Curriculum Framework (reproduced directly from the Training Package). **Table 6** (pp 87-95) and **Table 8** (pp 110–122) list the status of each unit of competency in relation to the qualifications. This information should be consulted when selecting elective units of competency.

An integrated or holistic approach to course delivery should be adopted. Examples of integrated approaches to programming and assessment strategies that may be used to support the delivery of courses within the Automotive Curriculum Framework, are contained in the *Automotive Curriculum Framework Support Materials* (www.boardofstudies.nsw.edu.au). This information is provided as a guide to RTOs delivering HSC courses within the Framework.

8.2 Allocation of HSC indicative hours of credit

Units of competency drawn from Training Packages are not defined in terms of duration. The amount of time required by individual students to achieve competency will vary according to their aptitude and experience. Where a training program is designed for delivery by an RTO, the RTO will specify the length of the training program according to the delivery strategies and/or curriculum resources chosen.

However, for the purposes of the HSC, courses must be described in terms of their indicative hours. For this reason, indicative hours for unit credit towards the HSC have been assigned to each unit of competency within the Framework. It is emphasised that the assignment of indicative hours does not imply that all students will fulfil all requirements of a unit of competency within these hours. RTOs may determine that additional or fewer hours are required for the achievement of particular competencies. However, this does not alter the indicative hours allocated, only the delivery hours.

It is also expected that students will need to spend additional time practising skills in a work environment and in completing projects and assignments, in order to fulfil Training Package assessment requirements.

Tables 2, 3, 4 and 7 (Sections 8 and 17) list the indicative hours assigned to each unit of competency included in the Automotive Curriculum Framework for the purpose of unit credit towards the HSC.

8.3 Recognition of Prior Learning (RPL) and credit transfer

Recognition of Prior Learning (RPL) and credit transfer refer to the acknowledgement of evidence of a student's achievement of competencies or learning outcomes. They are processes that allow students to have their previous learning – both formal and informal – count towards their HSC VET courses and AQF VET qualifications.

RPL is an assessment process that assesses the individual student's non-formal and informal learning to determine the extent to which that individual has achieved the competency standards. **Where the outcomes of this process indicate that the student is competent, structured training is not required.**

Credit transfer is a process that provides credit for a unit of competency previously achieved. **Students should be given recognition for units of competency already held. Structured training or assessment for these units is not required.**

The RPL requirements of the AQTF and the Board of Studies must be met.

8.3.1 Recognition of Prior Learning (RPL) and credit transfer within VET courses

Students undertaking HSC courses within the Automotive Curriculum Framework may already hold units of competency or have current knowledge, skills and experience relevant to the units of competency within the courses.

Students can be granted credit (recognition of prior learning or credit transfer) for:

- units of competency within AQF VET qualifications
- HSC VET course outcomes and content as defined by the indicative hour requirements of HSC VET courses
- mandatory work placement requirements.

Further information about the arrangements for RPL and credit transfer within VET courses, including processes, application forms and examples of possible scenarios, is available on the Board's website at www.boardofstudies.nsw.edu.au/voc_ed/rpl.html

8.4 Automotive (120 indicative hours)

Purpose

The purpose of this course is to provide students with an opportunity to develop basic automotive industry knowledge and skills.

Course structure

This course comprises five mandatory units of competency and a selection of units of competency from the 240-hour course.

Section 15 outlines the qualification packaging rules for each qualification available through the Automotive Curriculum Framework. Table 6 (pp 87–95) lists the status of each unit of competency in relation to the qualifications. This section should guide the selection of units of competency to meet qualification requirements.

120 indicative hour courses are accredited for a total of 2 units at the Preliminary and/or HSC level.

Course requirements

- Students must attempt:
 - **THREE** mandatory units of competency – according to the instructions in Table 2
 - **AND** a selection of units of competency from the 240-hour course (Table 3, pp 19–22) which have not already been undertaken to a minimum value of **65** indicative hours.
- Students must complete a **MINIMUM of 35 hours** of mandatory work placement [±].

AQF VET qualifications

To receive AQF VET qualifications, students must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

Depending on the selection and achievement of units of competency, the possible qualification outcome is:

- Certificate I in Automotive (AUR10105)
- Statement of Attainment towards Certificate II in Automotive Electrical Technology (AUR20408)
- Statement of Attainment towards Certificate II in Automotive Vehicle Servicing (AUR20505)
- Statement of Attainment towards Certificate II in Automotive Mechanical (AUR20705)
- Statement of Attainment towards Certificate II in Outdoor Power Equipment (AUR20805)
- Statement of Attainment towards Certificate II in Automotive Vehicle Body (AUR20905)
- Statement of Attainment towards Certificate II in Automotive Sales (AUR21105).

Qualification packaging rules are in Section 15 of this document.

Further information on assessment is in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

[±] Refer to Section 10 for further advice about work placement.

Table 2 Automotive (120 indicative hours)

MANDATORY			
Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
Attempt the following units:			
AURC270103A	Apply safe working practices	Nil	20
AURT270278A	Use and maintain workplace tools and equipment	Nil	25
Plus ONE of the following units:			
AURC272003A	Apply environmental regulations and best practice in a workplace or business	Nil	10
AURT271781A	Implement and monitor environmental regulations in the automotive mechanical industry	Nil	10
AURV271403A	Apply environment regulations and best practice in the body repair industry	Nil	10
Total mandatory hours			55

ELECTIVE UNITS Attempt units of competency to a minimum value of 65 indicative hours

Elective units may include any unit of competency from the 240-hour course which has not already been undertaken (refer to Section 8.5, Table 3).

8.5 Automotive (240 indicative hours)

Purpose

The purpose of this course is to provide students with the opportunity to gain knowledge and skills to enable them to commence a career and be an effective employee in the automotive industry.

Course structure

This course comprises 9 mandatory units of competency, 2 modules (automotive industry induction and automotive systems and components) and 55 elective units of competency in Table 3.

Table 4 lists an additional elective pool of 46 units of competency available for students undertaking a school-based traineeship in the automotive industry. **Only** school-based trainees may undertake elective units of competency from Table 4.

Details about the two modules and the mandatory and elective units of competency listed in Table 3 are contained in Part B of this Syllabus. Details of the elective units of competency listed in Table 4 are available in the Automotive Industry Retail, Service and Repair Training Package (AUR05) or at www.ntis.gov.au

Section 15 outlines the qualification packaging rules for each qualification available through the Automotive Curriculum Framework. Table 6 (pp 87–95) lists the status of each unit of competency in relation to the qualifications. This section should guide the selection of units of competency to meet qualification requirements.

240 indicative hour courses are accredited for a total of 4 units at the Preliminary and/or HSC level.

Course requirements

- Students must attempt:
 - **SEVEN** mandatory units of competency – according to the instructions in Table 3
 - **PLUS** the two modules automotive industry induction and automotive systems and components
 - **AND** units of competency from the elective pool(s) to a minimum value of 85 indicative hours.
- Students must complete a **MINIMUM of 70 hours** of mandatory work placement[±].

An external written Higher School Certificate examination will be conducted for this course. This examination is optional. In the year they are to complete the course, students will specify whether or not they choose to undertake the external written examination (refer to Sections 11.2 and 11.3).

The units of competency for the optional HSC examination are listed in the HSC exam specifications in Section 11.3 of this document.

[±] Refer to Section 10 (pp 29–30) for further advice about work placement.

AQF VET qualifications

To receive AQF VET qualifications, students must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

Depending on the selection and achievement of units of competency, the possible qualification outcome is:

- Certificate I in Automotive (AUR10105)
- Certificate II in Automotive Electrical Technology (AUR20408)
- Statement of Attainment towards Certificate II in Automotive Vehicle Servicing (AUR20505)
- Certificate II in Automotive Mechanical (AUR20705)
- Certificate II in Outdoor Power Equipment (AUR20805) ^Φ
- Certificate II in Automotive Vehicle Body (AUR20905)
- Statement of Attainment towards Certificate II in Automotive Sales (AUR21105).

^Φ This qualification may not be achieved within the 240-hour course if only electives from the outdoor power equipment area are selected.

Qualification packaging rules are in Section 15 of this document.

Further information on assessment is in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

Table 3 Automotive (240 indicative hours)

MANDATORY			
Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
Attempt the following modules/units:			
N/A	Automotive industry induction	–	15
N/A	Automotive systems and components	–	25
AURC252103A	Apply basic automotive troubleshooting processes	Nil	20
AURC270103A	Apply safe working practices	Nil	20
AURC270789A	Communicate effectively in the workplace	Nil	10
AURE218670A	Service, maintain or replace batteries	Nil	5
AURE218708A	Carry out repairs to single electrical circuits	Nil	25
AURT270278A	Use and maintain workplace tools and equipment	Nil	25
Plus ONE of the following units:			
AURC272003A	Apply environmental regulations and best practice in a workplace or business	Nil	10
AURT271781A	Implement and monitor environmental regulations in the automotive mechanical industry	Nil	10
AURV271403A	Apply environment regulations and best practice in the body repair industry	Nil	10
Total mandatory hours			155

Table 3 cont/d

ELECTIVE POOL Attempt units of competency to a minimum value of 85 indicative hours			
Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
Common			
AURC172003A	Identify environmental regulations and best practice in a workplace or business * §	Nil	0
AURC251356A	Read in the workplace	Nil	5
AURC251677A	Use numbers in the workplace	Nil	5
AURC270688A	Work effectively with others	Nil	15
Electrical			
AURE100064A	Remove and tag automotive electrical system components §	Nil	15
AURE118671A	Test, service and maintain battery storage systems §	Nil	15
AURE224008A	Carry out soldering of electrical wiring/ circuits	Nil	15
Outdoor Power Equipment			
AURP201570A	Service engines and associated engine components (outdoor power equipment)	Nil	20
AURP245465A	Remove, fit and adjust line trimming system components	Nil	10
AURP245571A	Service and repair faults in post boring systems	Nil	15
Sales			
AURS238127A	Identify and select automotive parts and products	Nil	40
AURS238150A	Present stock and sales area	Nil	10
AURS241769A	Sell product(s)	Nil	15
AURS241803A	Apply legal requirements relating to product sales	Nil	15
Technical			
AURT100064A	Remove and tag engine system components §	Nil	15
AURT100164A	Remove and tag steering, suspension and brake system components §	Nil	15
AURT100264A	Remove and tag transmission system components §	Nil	15

* The knowledge and skills required by *AURC172003A Identify environmental regulations and best practice in a workplace or business* have been incorporated into the HSC requirements and advice of the three units *AURC272003A Apply environmental regulations and best practice in a workplace or business*, *AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry* and *AURV271403A Apply environmental regulations and best practice in the body repair industry*. The unit *AURC172003A* may be assessed concurrently with *AURC272003A* or *AURT271781A* or *AURV271403A*.

§ This unit of competency only contributes towards Certificate I in Automotive.

Table 3 cont/d

Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
AURT100308A	Carry out workshop practice activities §	Nil	15
AURT125667A	Use and maintain basic measuring devices §	Nil	10
AURT200368A	Select and use bearings, seals, gaskets, sealants and adhesives	Nil	15
AURT201170A	Inspect and service engines	Nil	25
AURT202170A	Inspect and service cooling systems	Nil	10
AURT212670A	Service final drive assemblies	Nil	10
AURT213170A	Service final drive (driveline)	Nil	10
AURT217606A	Balance wheels and tyres	Nil	10
AURT217665A	Remove, fit and inspect wheel assemblies	Nil	15
AURT225667A	Use and maintain measuring equipment	Nil	15
Vehicle Body			
AURV100064A	Remove and tag vehicle body system components §	Nil	15
AURV223808A	Carry out soft soldering techniques	Nil	15
AURV225908A	Carry out panel repairs	Nil	25
AURV226108A	Carry out pre-repair operations (vehicle body)	Nil	20
AURV226965A	Remove and replace/fit protector mouldings, transfers and decals	Nil	10
AURV229608A	Carry out masking procedures	Nil	10
AURV230203A	Apply rust prevention and sound deadening materials	Nil	15
AURV230349A	Prepare vehicle components for paint repairs	Nil	20
AURV230449A	Apply paint touch-up techniques	Nil	20
AURV230864A	Remove and replace vehicle interior trim components	Nil	15
AURV231268A	Select and apply trim/fabric materials and determine attachment methods	Nil	20
AURV231649A	Prepare vehicle/component/equipment for customer use	Nil	15
AURV231786AA	Wash/clean vehicle body and door cavities	Nil	5
AURV231786BA	Wash/clean vehicle engine and engine compartment	Nil	5
AURV231786CA	Wash/clean vehicle underbody	Nil	5
AURV231809AA	Clean and finish plastic trim and fittings	Nil	5
AURV231809BA	Clean and finish vehicle interior trim and seats	Nil	10
AURV231809CA	Clean and polish vehicle exterior paint	Nil	5

Table 3 cont/d

Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
AURV232108A	Carry out custom graphics design and layout techniques	Nil	25
AURV232208A	Carry out fundamental airbrush application techniques	Nil	20
AURV331108A	Carry out sewing operations	Nil	30
AURV332308A	Carry out custom painting techniques	Nil	30
Business services			
BSBCM103A	Apply basic communication skills # §	Nil	0
BSBCM205A	Use business technology	Nil	20
BSBCM208A	Deliver a service to customers	Nil	15
BSBCM209A	Provide information to clients	Nil	15
Transport and distribution			
TDTA1197B	Package goods	Nil	10
Retail			
WRRCA1B	Operate retail equipment	Nil	20

§ This unit of competency only contributes towards Certificate I in Automotive.

The knowledge and skills required by *BSBCM103A Apply basic communication skills* have been incorporated into the HSC requirements and advice of *AURC270789A Communicate effectively in the workplace*. The unit BSBCM103A may be assessed concurrently with AURC270789A.

Table 4 Additional units of competency for automotive school-based trainees

The following additional electives are **only** available to students who are participating in an approved Certificate II school-based traineeship training contract in automotive as significant workplace experience is necessary to achieve competence.

Details of the elective units of competency listed in Table 4 are available in the Automotive Industry Retail, Service and Repair Training Package (AUR05) at www.ntis.gov.au.

ELECTIVE POOL			
Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
Common			
AURC270421A	Establish relations with customers	Nil	10
Electrical			
AURE218664A	Remove and replace electrical/electronic units/assemblies	Nil	20
AURE218676A	Test, service and charge batteries	Nil	10
AURE220140A	Manufacture and repair wiring harness/looms	Nil	25
Outdoor Power Equipment			
AURP245171A	Service and repair faults in rotary cutting systems	Nil	15
AURP245271A	Service and repair faults in drum cutting systems	Nil	15
AURP245371A	Service and repair chainsaw cutting systems	Nil	15
AURP245771A	Service and repair faults in reciprocating cutting systems	Nil	15
AURP247670A	Service pumping systems	Nil	10
Recreational Boating			
AURR213631A	Install inboard propeller drive systems	Nil	15
Sales			
AURS239508A	Carry out warehousing procedures	Nil	20
AURS241608A	Carry out cash and/or credit/funds transfer transactions	Nil	20
AURS242621A	Promote products and services	Nil	20
AURS252290A	Process customer complaints	Nil	15
Technical			
AURT200108A	Carry out servicing operations	Nil	15
AURT203170B	Service petrol fuel systems	Nil	15
AURT203670A	Service diesel fuel injection systems	Nil	20
AURT204670A	Inspect and service emission control systems	Nil	10

Table 4 cont/d

Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
AURT205166A	Repair exhaust system components	Nil	10
AURT206670A	Inspect and service transmissions (manual)	Nil	15
AURT207170A	Inspect and service transmissions (automatic)	Nil	15
AURT208170A	Service transmissions (hydrostatic)	Nil	15
AURT210170A	Inspect and service braking systems	Nil	20
AURT211170A	Inspect and service air braking systems	Nil	15
AURT215170A	Inspect and service steering systems	Nil	15
AURT216170A	Inspect and service suspension systems	Nil	15
AURTL317108A	Carry out wheel alignment operations	Nil	20
AURT306170A	Inspect, service and/or repair clutch assemblies and associated operating system components	Nil	25
AURT335108A	Carry out machining operations	Nil	30
Vehicle Body			
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	Nil	20
AURV226864A	Remove, replace and realign bolt on panels, sections and fittings	Nil	40
AURV227064A	Remove and replace mechanical units/ assemblies	Nil	15
AURV229503A	Apply paint removal methods	Nil	20
AURV229603AA	Apply acrylic lacquer refinishing materials	Nil	30
AURV229749A	Prepare spray painting materials and equipment	Nil	30
AURV229803AA	Apply fundamental colour matching techniques	Nil	30
AURV230608A	Carry out sewing repairs and alterations	Nil	30
AURV230708A	Carry out trim repairs and alterations	Nil	30
AURV232165A	Remove, replace, fit and test components/ accessories	Nil	15
AURV281308A	Carry out gas metal arc (MIG) welding procedures	Nil	20
AURV281508A	Carry out spot welding procedures	Nil	20

Table 4 cont/d

Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
AURV326266BA	Repair body panels (metal finishing)	Nil	35
AURV326266CA	Repair body panels (incorporating filler)	Nil	35
AURV329549A	Prepare spray booth and paint drying equipment	Nil	20
AURV329649A	Prepare substrate from refinishing	Nil	35
Retail			
WRR15A	Maintain and order stock	Nil	20

8.6 Automotive Specialisation Study (60 or 120 indicative hours)

Purpose

The purpose of this course is to provide the opportunity to achieve Certificate II qualifications in the automotive industry. These qualifications provide the skills and knowledge for individual occupational outcomes.

Course eligibility

This course is only available to students who are currently enrolled in, or have completed, the Automotive (240 indicative hours) course.

Before offering the Automotive Specialisation Study, schools should ensure that the RTO undertaking delivery has the scope to deliver the relevant qualification and/or relevant units of competency.

Course structure

This course consists of units of competency drawn from the 240-hour course (listed in Tables 3 and/or 4) not previously attempted by students.

Table 4 is an additional elective pool of units of competency available for students undertaking a school-based traineeship in the automotive industry. **Only** school-based trainees may undertake elective units of competency from Table 4.

Details about the elective units of competency listed in Table 3 are contained in Part B of this Syllabus. Details of the elective units of competency listed in Table 4 are available in the Automotive Industry Retail, Service and Repair Training Package (AUR05) or at www.ntis.gov.au.

Section 15 provides the qualification packaging rules for the qualifications available through the Automotive Curriculum Framework. Table 6 (pp 87–95) lists the status of each unit of competency in relation to the qualifications. This section should guide the selection of units of competency to meet qualification requirements.

The Automotive Specialisation Study (60 indicative hours) course is accredited for a total of one unit at the Preliminary or HSC level. The Automotive Specialisation Study (120 indicative hours) course is accredited for a total of two units at the Preliminary and/or HSC level.

Course requirements

Students may only undertake a Specialisation Study if they are currently enrolled in, or have completed, the Automotive (240 indicative hours) course.

Automotive Specialisation Study (60 indicative hours) course:

- Units of competency from the 240-hour course (Tables 3 and/or 4) not previously attempted by students, should be selected to a minimum of 60 indicative hours
- Students must complete a **MINIMUM of 14 additional hours** of mandatory work placement[±].

Automotive Specialisation Study (120 indicative hours) course:

- Units of competency from the 240-hour course (Tables 3 and/or 4) not previously attempted by students, should be selected to a minimum of 120 indicative hours
- Students must complete a **MINIMUM of 35 additional hours** of mandatory work placement[±].

AQF VET qualifications

To receive AQF VET qualifications, students must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

Depending on the selection and achievement of units of competency, the possible qualification outcome is:

- Certificate II in Automotive Electrical Technology (AUR20408)
- Certificate II in Automotive Vehicle Servicing (AUR20505)
- Certificate II in Automotive Mechanical (AUR20705)
- Certificate II in Outdoor Power Equipment (AUR20805)
- Certificate II in Automotive Vehicle Body (AUR20905)
- Certificate II in Automotive Sales (AUR21105).

Qualification packaging rules are in Section 15 of this document.

Further information on assessment is in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

[±] Refer to Section 10 for further advice about work placement.

9 Outcomes and Content

9.1 Units of competency

Details about individual units of competency in the Automotive (120 and 240 indicative hours) courses (Tables 2 and 3), as well as the mandatory units of competency from the Automotive School-based Apprenticeship (240 indicative hours) course, for the HSC in the Automotive Curriculum Framework are contained in Part B of this Syllabus. Part B details unit of competency/module content and HSC requirements and advice (for each of the examinable units of competency/modules).

The text for each unit of competency in the Automotive Curriculum Framework is reproduced directly from the Automotive Industry Retail, Service and Repair Training Package (AUR05). Each unit of competency consists of:

- elements of competency
- performance criteria
- a range statement
- an evidence guide, containing:
 - critical aspects of evidence
 - underpinning knowledge
 - context of assessment
 - method of assessment
 - specific resource requirements for this unit/resource implications
 - specific key competencies, underpinning and employability skills required to achieve the performance criteria.

In addition, there is a column headed *HSC Requirements and Advice* that prescribes the scope of learning and the minimum learning experiences expected for each examinable unit of competency for the purposes of the HSC. These must be addressed by all students undertaking the Automotive (120 and 240 indicative hours) courses and the Automotive School-based Apprenticeship (240 indicative hours) course.

The units of competency to be delivered and assessed are determined by the scope of the registration of each RTO. **Teachers and trainers should check their RTO's scope of registration before determining which units of competency are to be included in their teaching and assessment programs. School principals should seek documentary evidence of the scope of any external RTO delivering the HSC course.** Scope of registration can be checked on the National Training Information Services (NTIS) website (www.ntis.gov.au).

Information about the delivery of VET courses for the HSC by RTOs other than schools or TAFE NSW colleges is contained in the Board of Studies *Assessment, Certification and Examination (ACE) Manual* and relevant Board of Studies Official Notices.

9.2 Course delivery

RTOs offering training programs that deliver HSC Automotive Curriculum Framework courses must consult Part B of this Syllabus and take into consideration the details provided in the *HSC Requirements and Advice* column (including key terms and concepts) as well as the following requirements for each unit of competency:

- the elements of competency
- the performance criteria
- the range statement
- all aspects of the evidence guide.

RTOs should pay particular attention to the information under *Critical Aspects of Evidence* and *Underpinning Knowledge*.

Learning experiences that are compulsory learning for the Training Package are compulsory learning for the HSC. So, in the examinable units of competency, where the range statement uses the words ‘must include’, ‘is to’, ‘are to’, ‘includes’ or ‘requires’, the relevant matter has not been repeated in the *HSC Requirements and Advice*. However, where the range statement also uses the words ‘may include’, the *HSC Requirements and Advice* specifies which of these learning experiences must be included for the HSC.

It is the responsibility of the RTO to determine both the resources required for course delivery, and the AQF VET qualifications that must be held by teachers and trainers delivering courses within the Automotive Curriculum Framework on behalf of the RTO.

Separate advice on learning materials, resource requirements and teacher qualifications is available from school system/sector authorities.

10 Work Placement

Work placement is a mandatory HSC requirement within this Framework and appropriate hours have been assigned to each course.

Learning in the workplace will enable students to:

- progress towards the achievement of industry competencies
- develop appropriate attitudes towards work
- learn a range of behaviours appropriate to the industry
- practise skills acquired in the classroom or workshop
- develop additional skills and knowledge, including the key competencies (refer to Section 13.2).

The mandatory work placement requirements for courses in this Framework are not intended to indicate the time required for the achievement of units of competency. The amount of learning in the workplace that is needed to achieve a unit of competency will vary from student to student. Assessment of the units of competency is to be undertaken by qualified assessor(s) either in a work placement setting or in the classroom.

10.1 Work placement requirements

Students must complete the following work placement for Automotive Curriculum Framework courses. Students undertaking this course as part of a school-based apprenticeship or traineeship will meet the mandatory work placement hour requirements through the on-the-job training component of the apprenticeship or traineeship.

- Automotive (120 indicative hours) – a minimum of 35 hours in a workplace
- Automotive (240 indicative hours) – a minimum of 70 hours in a workplace
- Automotive Specialisation Study (60 indicative hours) – a minimum of 14 *additional* hours in a workplace
- Automotive Specialisation Study (120 indicative hours) – a minimum of 35 *additional* hours in a workplace
- Automotive School-based Apprenticeship (240 indicative hours) – mandatory work placement hour requirements for this course are met through the on-the-job training component of the school-based apprenticeship
- Automotive School-based Apprenticeship Specialisation (60 or 120 indicative hours) – mandatory work placement hour requirements for this course are met through the on-the-job training component of the school-based apprenticeship.

Non-completion of work placement is grounds for the withholding of the course. Schools are advised to follow the issuing of ‘N’ determinations as outlined in the Board of Studies *Assessment, Certification and Examinations (ACE) Manual*.

It is the responsibility of the school and/or RTO to determine how course outcomes are best achieved and to structure delivery accordingly. If additional work placement or classroom time is required to enable individual students or class groups to achieve the competencies, this will be determined by the deliverer, but it does not affect the indicative HSC hours.

Further information and advice on the implementation of work placement are contained in policy statements or guidelines available from the relevant school system/sector authority or the RTO.

10.2 Part-time work

Under some circumstances, students' part-time work in an appropriate workplace may be used to fulfil work placement requirements. For further details, teachers and principals should consult the Board of Studies *Assessment, Certification and Examinations (ACE) Manual* or relevant Board of Studies Official Notices.

11 Assessment Requirements and Advice

11.1 Competency-based assessment

The VET courses within the Automotive Curriculum Framework are competency-based. Advice on appropriate assessment practice in relation to the Automotive Curriculum Framework is contained in the *Assessment and Reporting in Automotive Stage 6* document.

This document, as well as other resources and advice related to assessment in Automotive Stage 6, is available at the Board’s website at

http://www.boardofstudies.nsw.edu.au/syllabus_hsc/automotive.html

11.2 HSC examination: Automotive

The HSC examination in Automotive is optional. Only students who have completed the Automotive (240 indicative hours) or Automotive School-based Apprenticeship (240 indicative hours) course are eligible to sit for the HSC examination. Students who undertake the examination can have their HSC mark contribute to their ATAR.

The HSC examination specifications, which describe the format of the external HSC examination, are contained in the *Assessment and Reporting in Automotive Stage 6* document.

The HSC examination is independent of the competency-based assessment undertaken during the course and has no impact on student eligibility for AQF VET qualifications.

11.3 Examinable outcomes and content

The HSC examination in Automotive is based on a set of examinable units of competency/modules from the Automotive (240 indicative hours) and or Automotive School-based Apprenticeship (240 indicative hours) course and the associated key competencies.

The HSC examination is based on the following components of each examinable unit of competency/module:

- elements of competency
- performance criteria
- range statement²
- evidence guide, including:
 - critical aspects of evidence
 - underpinning knowledge
 - context of assessment
 - method of assessment
 - specific resource requirements for this unit/resource implications
 - specific key competencies, underpinning and employability skills required to achieve the performance criteria
- minimum prescribed learning contained in HSC requirements and advice, described as:
 - key terms and concepts, and
 - learning experiences that must be addressed for the HSC.

² The range statement frequently uses the term ‘may include’. This has been clarified in the *HSC Requirements and Advice* column to specify the learning experiences that must be included for the examinable units of competency. Only the learning that is compulsory according to the Training Package and/or *HSC Requirements and Advice* can be examined.

The examinable units of competency/modules are:

Unit Code	Unit Title
N/A	Automotive industry induction
N/A	Automotive systems and components
AURC252103A	Apply basic automotive troubleshooting processes
AURC270103A	Apply safe working practices
AURC270789A	Communicate effectively in the workplace
AURE218670A	Service, maintain or replace batteries
AURE218708A	Carry out repairs to single electrical circuits
AURT270278A	Use and maintain workplace tools and equipment

Plus the common components of the following units:

AURC272003A	Apply environmental regulations and best practice in a workplace or business
AURT271781A	Implement and monitor environmental regulations in the automotive mechanical industry
AURV271403A	Apply environment regulations and best practice in the body repair industry

The text of the examinable units of competency, including the HSC requirements and advice, is contained in the *Automotive Curriculum Framework Stage 6 Syllabus – Part B*

12 HSC Requirements and Certification

12.1 Course completion requirements

For a student to be considered to have satisfactorily completed a course within the Automotive Curriculum Framework there must be sufficient evidence that the student has:

- followed the course developed by the Board
- applied themselves with diligence and sustained effort to the set tasks and experiences provided in the course by the school/RTO
- achieved some or all of the course outcomes
- undertaken the mandatory work placement.

Refer the Board's [Assessment, Certification and Examination \(ACE\) Manual](#) for further information.

12.2 Preliminary and HSC unit credit

To facilitate flexibility of VET in the HSC, courses within the Automotive Curriculum Framework may be delivered as Preliminary units, as HSC units or as a combination of Preliminary and HSC units.

12.3 Reporting achievement in the HSC

Advice on reporting achievement in relation to the Automotive Curriculum Framework is contained in the *Assessment and Reporting in Automotive Stage 6* document.

This document is available at the Board's website at http://www.boardofstudies.nsw.edu.au/syllabus_hsc/automotive.html

13 Other Information

13.1 Providing for all students

13.1.1 Students with special education needs

Courses in the Automotive Curriculum Framework are available to all students.

Students with special education needs may access:

- all courses within the Automotive Curriculum Framework under regular course arrangements
- OR**
- units of competency selected through the collaborative curriculum planning process from the relevant course units of competency detailed in Sections 8.4 and 8.5 of this document.

Students with special education needs may require adjustments to learning and assessment strategies as well as additional time to demonstrate the required level of competence. Reasonable adjustments to delivery and assessment are appropriate as long as they conform to the industry competency standards as expressed in the AUR05 Training Package.

Reasonable adjustments can be made to ensure equity in assessment for people with disabilities. Adjustments include any changes to the assessment process or context that meet the individual needs of the person with a disability, but do not change competency outcomes.³

Reasonable adjustments should be based on the individual student's needs and abilities.

The appropriate units of competency should be selected through the collaborative curriculum planning process to work towards the achievement of an AQF VET Certificate and/or an occupational outcome.

It is recommended that the collaborative curriculum planning should prioritise units of competency that provide essential foundation skills for employment in the automotive industry.

Successful participation in courses within the Automotive Curriculum Framework for students with special education needs will require:

- collaborative curriculum planning to meet individual needs
- appropriate learning and assessment strategies
- appropriate consultation on strategies to support the mandatory work placement
- ongoing partnerships between schools, students, parents, teachers, employers and others in the community.

To develop skills and knowledge to industry standard, students with special education needs may require extended time and additional support, both off the job and in the workplace.

Further advice on the implementation of the Automotive Curriculum Framework for students with special education needs is contained in the *Stage 6 Industry Curriculum Frameworks Support Document for Students with Special Education Needs (2005)*. This document is available on the Board of Studies website (www.boardofstudies.nsw.edu.au).

³ DEST, 2006, *Training Package Development Handbook*, Part 4, Chapter 2, pp 65–66.

Work placement

All students, including those with special education needs, **must** undertake the minimum work placement requirements for courses within the Automotive Curriculum Framework. These are described in Sections 8 and 10 of this document.

Assessment

Students with special education needs are subject to the assessment requirements detailed in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

AQF VET qualifications

Eligibility for AQF VET qualifications is the same for all students. To receive AQF VET qualifications, students with special education needs must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

13.1.2 Gender and cultural considerations

Industry curriculum frameworks address the needs of a broad range of students. Material developed for teaching and assessment programs in the Automotive Curriculum Framework must not contain any bias related to a student's gender or cultural background. Case studies, illustrative examples and other materials used for teaching and assessment should be selected such that they do not reinforce gender or cultural stereotypes.

13.1.3 School-based apprentices and trainees

The Automotive Curriculum Framework includes provision for apprentices and trainees to fulfil their requirements and gain an AQF VET qualification.

Students participating in a Certificate II traineeship in automotive who are seeking credit towards the HSC for their training should undertake the Automotive (240 indicative hours) course. These students may select elective units of competency from Table 3 and/or Table 4. In addition, school-based trainees may undertake the 60 or 120 indicative hour Automotive Specialisation Study course.

Students participating in a Certificate III apprenticeship in automotive who are seeking credit towards the HSC for their training are eligible to undertake the Automotive School-based Apprenticeship (240 indicative hours) course and the Automotive School-based Apprenticeship Specialisation (60 or 120 indicative hours) course.

Students may elect to complete the Board Endorsed Stage 6 Industry-based Learning course enabling them to gain HSC credit for the on-the-job component of the school-based apprenticeship or traineeship.

Additional HSC credit is available for apprentices and trainees through the locally designed Board Endorsed Course process. Such courses may draw from units of competency in the Automotive Industry Retail, Service and Repair Training Package (AUR05) and can be individualised to align to a student's training plan.

Further information on requirements and arrangements for school-based apprenticeships and traineeships in the automotive industry is available from:

- school system/sector authorities
- the Department of Education and Training State Training Centres
- the apprenticeships and traineeships website (<http://apprenticeship.det.nsw.edu.au>)
- the Department of Education and Training Vocational Education in Schools school-based apprenticeships and traineeships in NSW website (www.sbatinnsw.info)
- Australian Apprenticeship Centres.

13.2 Key competencies

The *key competencies* are competencies considered essential for effective participation in the emerging patterns of work and work organisations, as well as in life generally. They focus on the capacity to apply knowledge and skills in an integrated way in work situations. Key competencies are generic in that they apply to work generally, rather than being specific to particular occupations or industries.

The key competencies are:

- collecting, organising and analysing information
- communicating ideas and information
- planning and organising activities
- working with others and in teams
- solving problems
- using mathematical ideas and techniques
- using technology.

Each unit of competency in this Industry Curriculum Framework identifies the relationship between the unit and the key competencies. This relationship is represented by performance levels 1, 2 and 3. The following provides a brief description of the performance levels.

Performance Level 1 describes the competence needed to undertake activities efficiently and with sufficient self-management to meet the explicit requirements of the activity and to make judgements about quality of outcome against established criteria.

Performance Level 2 describes the competence needed to manage activities requiring the selection, application and integration of a number of elements, and to select from established criteria to judge quality of process and outcome.

Performance Level 3 describes the competence needed to evaluate and reshape processes, to establish and use principles in order to determine appropriate ways of approaching activities, and to establish criteria for judging quality of process and outcome.

Key competencies are essential features of each of the units of competency and therefore consideration must be given to the ways in which they can be addressed when designing learning activities and assessment instruments.

Refer to Part B of the Syllabus for information regarding the key competencies for each unit of competency.

13.3 Articulation to further training

Students achieving units of competency in this Framework can apply to have those units recognised in other endorsed Training Package qualifications.

Students and teachers should investigate the qualifications within the Automotive Industry Retail, Service and Repair Training Package (AUR05) to identify possible training pathways. In some instances these may include higher-level courses at TAFE NSW or other RTOs which may provide for advanced standing in related university courses.

Students seeking to gain credit towards AQF VET qualifications in other industries may use the qualifications gained in Automotive as evidence of competency for related units of competency in any national Training Package.

Further information on requirements and arrangements for post-school traineeships and apprenticeships in the automotive industry is available from the NSW Department of Education and Training State Training Centres and Australian Apprenticeship Centres.

14 AQF VET Qualifications

The various titles of AQF VET qualifications reflect levels of performance and degrees of responsibility in a workplace context. The level of a qualification thus provides an indication of the standard of achievement expected, which is comparable across industries and provides a context for assessment.

Industry curriculum frameworks relate to Certificates I to III. Brief descriptions of Certificates I, II and III, adapted from the *Australian Qualifications Framework Implementation Handbook*,⁴ are provided below.

Certificate I

Work is likely to be carried out under direct supervision. Breadth, depth and complexity of knowledge and skills would prepare a person to perform a defined range of activities, most of which would be routine and predictable.

An individual demonstrating competencies at this level would be able to:

- demonstrate knowledge by recall in a narrow range of areas
- demonstrate basic practical skills, such as the use of relevant tools
- perform a sequence of routine tasks given clear direction
- receive and pass on messages/information.

Certificate II

Work is likely to be carried out under direct supervision. Breadth, depth and complexity of knowledge and skills would prepare a person to perform in a range of varied activities or knowledge applications where the range of choices of action is clearly defined and of limited complexity.

An individual demonstrating competencies at this level would be able to:

- demonstrate basic operational knowledge in a moderate range of areas
- apply a defined range of skills
- apply known solutions to a limited range of predictable problems
- perform a range of tasks where choice is required between options within a limited range
- assess and record information from various sources
- take limited responsibility for their own outputs in work and learning.

Certificate III

Breadth, depth and complexity of knowledge and competencies would cover the selecting, adapting and transferring of skills and knowledge to new environments, and providing technical advice and some leadership in the resolution of specific problems. This would be applied across a range of roles in a variety of contexts, with some complexity in the extent and choice of options available.

⁴ Australian Qualifications Framework (AQF) Advisory Board, 2003, *Australian Qualifications Framework Implementation Handbook*, third edition, Carlton, VIC.

An individual demonstrating these competencies would be able to:

- perform a defined range of skilled operations, usually within a range of broader, related activities involving known routines, methods and procedures
- exercise some discretion and judgement in the selection of equipment, services or contingency measures
- operate within known time constraints
- take some responsibility for others
- participate in teams, including group or team coordination.

AQF VET Statements of Attainment and Certificates are **ONLY** issued on the basis of successful achievement of a unit of competency as determined by a qualified assessor.

15 Minimum Requirements for AQF VET Qualifications

The following pages outline the qualification packaging rules for the AQF VET qualifications available in this Framework. This information is reproduced directly from the **Automotive Industry Retail, Service and Repair Training Package (AUR05)**. It is included so that the minimum requirements for achieving the industry qualifications are clear. Students who meet these requirements will be eligible for the relevant AQF VET Certificate, whether or not they have met the additional requirements of the HSC course.

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR10105 Certificate I in Automotive

Qualification Requirements

7 units of competence at levels 1 or 2 are required to complete this qualification within the specific requirements as set out in the two areas below:

NOTE: a maximum of 4 units of competence may be at level 2

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURC172003A Identify environmental regulations and best practice in a workplace or business

TWO

5 units of competence from the Certificate I Inventory (listed on pages 66–67)

The following units of competence must not be used together when achieving this qualification:

MEM05003B Perform soft soldering
and
AURV223808A Carry out soft soldering techniques

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR20408 Certificate II in Automotive Electrical Technology

Qualification Requirements

13 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry
- AURE224008A Carry out soldering of electrical wiring/circuits

TWO

7 units of competence from the Technical Inventory (listed on pages 72–81) which must include:

- 5 units of competence from the Electrical Ancillary Systems and Accessories cluster – Electrical group

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR20505 Certificate II in Automotive Vehicle Servicing

Qualification Requirements

20 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

TWO

15 units of competence from the Technical Inventory (listed on pages 72–81)

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Motorcycle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT203170B Service petrol fuel systems
- A minimum of 2 units of competence from the General Mechanical cluster
- A minimum of 2 units of competence from the Engines/Systems and Transmissions cluster
- A minimum of 2 units of competence from the Brakes and/or Steering and Suspension cluster
- A minimum of 2 units of competence from the Electrical Ancillary Systems and Accessories cluster

Light Vehicle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT201170A Inspect and service engines
- AURT202170A Inspect and service cooling systems
- AURT203170B Service petrol fuel systems
- AURT206670A Inspect and service transmissions (manual)
- AURT207170A Inspect and service transmissions (automatic)
- AURT210170A Inspect and service braking systems
- AURT212670A Service final drive assemblies
- AURT213170A Service final drive (driveline)
- AURT215170A Inspect and service steering systems
- AURT216170A Inspect and service suspension systems

Heavy Vehicle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT201170A Inspect and service engines
- AURT202170A Inspect and service cooling systems
- AURT203670A Service diesel fuel injection systems
- AURT210170A Inspect and service braking systems
- AURT212670A Service final drive assemblies
- AURT215170A Inspect and service steering systems

Plus a minimum of 1 of the following:

- AURT206670A Inspect and service transmissions (manual)
- AURT207170A Inspect and service transmissions (automatic)

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR20705 Certificate II in Automotive Mechanical

Qualification Requirements

13 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices

Plus a minimum of 1 of the following units of competence:

- AURC272003A Apply environmental regulations and best practice in a workplace or business *(applicable to tyre fitters and others not involved in mechanical repairs)*
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry *(applicable to mechanical repairers)*

TWO

8 units of competence from the Technical Inventory (listed on pages 72–81)

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Air Conditioning

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURE218708A Carry out repairs to single electrical circuits
- AURT222631A Install air conditioning systems
- AURT222670A Service air conditioning systems
- AURT322666A Repair/retrofit air conditioning systems
- AURT366108A Carry out diagnostic procedures

Cooling System

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT202170A Inspect and service cooling systems
- AURT202608A Carry out radiator repairs
- MEM05003B Perform soft soldering
- MEM05004C Perform routine oxy acetylene welding
- MEM05007C Perform manual heating and thermal cutting

Cylinder Head Reconditioning

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT225667A Use and maintain measuring equipment
- AURT301483A Recondition cylinder heads
- AURT334808A Carry out grinding and facing operations
- MEM07005B Perform general machining

Driveline/Transmission

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURE218708A Carry out repairs to single electrical circuits
- AURT202170A Inspect and service cooling systems
- AURT206670A Inspect and service transmissions (manual)
- AURT207170A Inspect and service transmissions (automatic)
- AURT212670A Service final drive assemblies
- AURT213170A Service final drive (driveline)

Exhaust Fitting

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT205123A Fabricate exhaust system components
- AURT205166A Repair exhaust system components
- MEM05050B Perform routine gas metal arc welding

Steering and Suspension

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURC252103A Apply basic automotive troubleshooting processes
- AURE218676A Test, service and charge batteries
- AURT215170A Inspect and service steering systems
- AURT216170A Inspect and service suspension systems
- AURT217606A Balance wheels and tyres
- AURT225667A Use and maintain measuring equipment

Tyre Fitting Heavy

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURT217606A Balance wheels and tyres
- AURT217665A Remove, fit and inspect wheel assemblies
- AURT217966A Remove, inspect, repair and fit tyres and tubes (heavy)
- AURT217985A Fit tyres and rims for specific applications (heavy)

Tyre Fitting Light

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURT217606A Balance wheels and tyres
- AURT217665A Remove, fit and inspect wheel assemblies
- AURT217668A Select tyres and rims for specific applications (light)
- AURT217766A Remove, inspect, repair and fit tyres and tubes (light)

Underbody

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURT205123A Fabricate exhaust system components
- AURT205166A Repair exhaust system components
- AURT210170A Inspect and service braking systems
- AURT210736A Machine brake drums and brake disc rotors
- AURT215170A Inspect and service steering systems
- AURT216170A Inspect and service suspension systems
- MEM05004C Perform routine oxy acetylene welding
- MEM05007C Perform manual heating and thermal cutting

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR20805 Certificate II in Outdoor Power Equipment

Qualification Requirements

15 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

TWO

10 units of competence from the Technical Inventory (listed on pages 72–81) which must include:

- 2 units of competence from the Outdoor Power Equipment cluster

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR20905 Certificate II in Automotive Vehicle Body

Qualification Requirements:

13 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices

Plus a minimum of 1 of the following 3 units of competence:

- AURC272003A Apply environmental regulations and best practice in a workplace or business (applicable to glaziers, window tinters, etc who are not dealing with the toxic substances found in mechanical or body repair workplaces)
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry (applicable to vehicle dismantlers/assemblers)
- AURV271403A Apply environmental regulations and best practice in the body repair industry (applicable specifically to those in a body repair workshop)

TWO

8 units of competence from the Vehicle Body Inventory (listed on pages 82–86)

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Paint Preparation

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 5 units of competence from the Vehicle Body cluster – Paint/Refinish group

Panel Preparation

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 5 units of competence from the Vehicle Body cluster – Body Repair group

Vehicle Dismantling

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 3 units of competence from the Vehicle Body cluster – Vehicle Salvage group
- 1 unit of competence from the Vehicle Body cluster – Welding group

Vehicle Glazing

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 5 units of competence from the Vehicle Body cluster – Glass/Windcreens/Tinting group

Vehicle Presentation

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 5 units of competence from the Vehicle Body cluster – Vehicle Presentation group

Window Tinting

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURV233849A Prepare surfaces and apply window tinting
- 1 unit of competence from the Vehicle Body cluster – Glass/Windcreens/Tinting group
- 1 unit of competence from Vehicle Body cluster – Vehicle Presentation group
- 1 unit of competence from Vehicle Body cluster – Trim group

Vehicle Trimming

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- 5 units of competence from the Vehicle Body cluster – Trim group

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR21105 Certificate II in Automotive Sales

Qualification Requirements

18 units of competence at levels 2 or 3 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 2 units of competence may be at level 3

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURC270421A Establish relations with customers
- AURC270688A Work effectively with others
- AURC270789A Communicate effectively in the workplace
- AURC272003A Apply environmental regulations and best practice in a workplace or business
- AURS241769A Sell product(s)
- BSBCMN208A Deliver a service to customers

TWO

8 units of competence from the Sales Inventory (listed on pages 68–71)

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise

When people have achieved units as individual units or as part of Certificate I that are consistent with the requirement of this qualification then credit should be given for these units.

DESCRIPTORS

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Aftermarket Retail Operation

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURC251677A Use numbers in the workplace
- AURC261314A Contribute to quality work outcomes
- AURS238127A Identify and select automotive parts and products
- AURS241803A Apply legal requirements relating to product sales
- BSBCMN311A Maintain workplace safety

Bicycle

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURS241803A Apply legal requirements relating to product sales
- A minimum of 2 units from the Bicycle Inventory – Bicycle cluster

Heavy Vehicle Mobile Equipment

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURS241803A Apply legal requirements relating to product sales
- RTC2306A Operate vehicles
- RTC2307A Operate machinery and equipment
- RTC2309A Operate tractors

Outdoor Power Equipment

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURS238150A Present stock and sales area
- AURS241303A Apply sales procedures
- AURS241608A Carry out cash and/or credit/funds transfer transactions
- AURS241803A Apply legal requirements relating to product sales
- TDTA1397B Receive goods
- WRRCA1B Operate retail equipment
- WRRLP2B Minimise theft

Replacement Parts and Accessories

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURC251677A Use numbers in the workplace
- AURS238127A Identify and select automotive parts and products
- AURS241803A Apply legal requirements relating to product sales
- BSBCM205A Use business technology
- TDTA1197B Package goods
- WRRCA1B Operate retail equipment

Service Station Operation

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURS238127A Identify and select automotive parts and products
- AURS238150A Present stock and sales area
- AURS241608A Carry out cash and/or credit/funds transfer transactions
- AURS241803A Apply legal requirements relating to product sales
- BSBCM205A Use business technology
- BSBCM311A Maintain workplace safety
- WRRCS2B Apply point of sale handling procedures
- WRRLP2B Minimise theft

Vehicle

To use this descriptor the following must be included when selecting units of competence as specified in area TWO:

- AURC251677A Use numbers in the workplace
- AURS238150A Present stock and sales area
- AURS241803A Apply legal requirements relating to product sales
- AURS252290A Process customer complaints
- BSBCM205A Use business technology

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR30308 Certificate III in Automotive Electrical Technology

Qualification Requirements

28 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 13 units of competence may be at level 2, and a maximum of 2 units of competence may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURE224008A Carry out soldering of electrical wiring/circuits
- AURE320666A Repair ignition systems
- AURT366108A Carry out diagnostic procedures
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

TWO

17 units of competence from the Technical Inventory (listed on pages 72–81) which must include:

- 9 units of competence from the Electrical Ancillary Systems and Accessories cluster – Electrical group
- 6 units of competence from the Electrical Ancillary Systems and Accessories cluster – Electronics group

THREE

6 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Electronics

To use this descriptor the following must be included when selecting units of competence as specified in are **TWO**:

- a minimum of 9 units of competence from the Electrical Ancillary Systems and Accessories cluster – Electronics group

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR30405 Certificate III in Automotive Mechanical Technology

Qualification Requirements

36 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 20 units of competence may be at level 2, and a maximum of 2 units of competence may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURT366108A Carry out diagnostic procedures
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

TWO

27 units of competence from the Technical Inventory (listed on pages 72–81)

THREE

6 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Agricultural Mechanical

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURE218676A Test, service and charge batteries
- AURE218708A Carry out repairs to single electrical circuits
- AURE321971A Inspect, service and repair electronic management, monitoring and tracking systems
- AURT300471A Inspect, service and repair harvesting equipment
- AURT300571A Inspect, service and repair crop planting and seeding equipment
- AURT300671A Inspect, service and repair spraying and spreading equipment

Plus a minimum of 1 of the following:

- AURT303166B Repair petrol fuel systems
- AURT303666A Repair diesel fuel systems

Heavy Vehicle Mobile Equipment

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURE218676A Test, service and charge batteries
- AURE218708A Carry out repairs to single electrical circuits
- AURT202166A Repair cooling systems
- AURT303666A Repair diesel fuel systems
- AURT304666A Repair and replace emission control systems
- AURT309166A Repair hydraulic systems
- AURT310166A Repair hydraulic braking systems
- AURT311166A Repair air braking systems
- AURTH301166A Repair engines and associated engine components (heavy vehicle)
- AURTH312666A Repair final drive assemblies (heavy vehicle)
- AURTH313166A Repair final drive – driveline (heavy vehicle)
- AURTH315166A Repair steering systems (heavy vehicle)

Plus a minimum of one of the following:

- AURTH306666A Repair transmissions – manual (heavy vehicle)
- AURTH307166A Repair transmissions – automatic (heavy vehicle)

Heavy Vehicle Road Transport

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURE218676A Test, service and charge batteries
- AURE218708A Carry out repairs to single electrical circuits
- AURT201164A Remove and install engine assemblies
- AURT202166A Repair cooling systems
- AURT303666A Repair diesel fuel systems
- AURT304666A Repair and replace emission control systems
- AURT310166A Repair hydraulic braking systems
- AURT311166A Repair air braking systems
- AURTH301166A Repair engines and associated engine components (heavy vehicle)
- AURTH312666A Repair final drive assemblies (heavy vehicle)
- AURTH313166A Repair final drive – driveline (heavy vehicle)
- AURTH315166A Repair steering systems (heavy vehicle)
- AURTH316166A Repair suspension systems (heavy vehicle)

Plus a minimum of one of the following:

- AURTH306666A Repair transmissions – manual (heavy vehicle)
- AURTH307166A Repair transmissions – automatic (heavy vehicle)

Light Vehicle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

• AURE218676A	Test, service and charge batteries
• AURE320666A	Repair ignition systems
• AURE321171A	Service and repair electronic spark ignition engine management systems
• AURE218708A	Carry out repairs to single electrical circuits
• AURT202166A	Repair cooling systems
• AURT303166B	Repair petrol fuel systems
• AURT304666A	Repair and replace emission control systems
• AURT306170A	Inspect, service and/or repair clutch assemblies and associated operating system components
• AURT310166A	Repair hydraulic braking systems
• AURTL301166A	Repair engines and associated engine components (light vehicle)
• AURTL306666A	Repair transmissions – manual (light vehicle)
• AURTL312666A	Repair final drive assemblies (light vehicle)
• AURTL313166A	Repair final drive – driveline (light vehicle)
• AURTL315166A	Repair steering systems (light vehicle)
• AURTL316166A	Repair suspension systems (light vehicle)

Motorcycle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

• AURE218676A	Test, service and charge batteries
• AURE320666A	Repair ignition systems
• AURE321171A	Service and repair electronic spark ignition engine management systems
• AURT202166A	Repair cooling systems
• AURT217665A	Remove, fit and inspect wheel assemblies
• AURE218708A	Carry out repairs to single electrical circuits
• AURT303166B	Repair petrol fuel systems
• AURT304666A	Repair and replace emission control systems
• AURT306170A	Inspect, service and/or repair clutch assemblies and associated operating system components
• AURT310166A	Repair hydraulic braking systems
• AURTL301166A	Repair engines and associated engine components (light vehicle)
• AURTL306666A	Repair transmissions – manual (light vehicle)
• AURTL312666A	Repair final drive assemblies (light vehicle)
• AURTL313166A	Repair final drive – driveline (light vehicle)
• AURTM315166A	Repair steering systems (motorcycle)
• AURTM316166A	Repair suspension systems (motorcycle)
• AURV328166A	Repair and align motorcycle frames

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR30505 Certificate III in Marine

Qualification Requirements

36 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 18 units of competence may be at level 2, and a maximum of 2 competencies may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURR371181A Implement and monitor environmental regulations in the marine repair industry
- AURT366108A Carry out diagnostic procedures

TWO

27 units of competence from the Technical Inventory (listed on pages 72–81) which must include:

- 13 units of competence from the Marine cluster

THREE

6 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Mechanical

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURR346335A Launch and recover vessel from trailer
- AURR346519A Inspect, drive and manoeuvre motor driven vessel
- AURR346542A Moor vessel
- 2 units of competence at level 3 from the Marine cluster – Marine-General group
- 2 units of competence at level 3 from the Engines/Systems and Transmissions cluster – Engines – General group
- 2 units of competence at level 3 from the Marine cluster – Transmissions – Marine group
- 2 units of competence at level 3 from the Marine cluster – Jet Drives and/or Propeller Drives groups
- 5 units of competence at level 3 from the Electrical Ancillary Systems and Accessories cluster – Electrical group

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR30705 Certificate III in Outdoor Power Equipment

Qualification Requirements

36 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 15 units of competence may be at level 2, and a maximum of 2 units of competence may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURT366108A Carry out diagnostic procedures
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry

TWO

27 units of competence from the Technical Inventory (listed on pages 72–81) which must include:

- 4 units of competence from the Outdoor Power Equipment cluster

THREE

6 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR30805 Certificate III in Automotive Vehicle Body

Qualification Requirements:

28 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 13 units of competence may be at level 2, and a maximum of 2 units of competence may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices

Plus a minimum of 1 of the following 3 units of competence:

- AURC272003A Apply environmental regulations and best practice in a workplace or business (applicable to glaziers, window tinters, etc who are not dealing with the toxic substances found in mechanical or body repair workplaces)
- AURT271781A Implement and monitor environmental regulations in the automotive mechanical industry (applicable to vehicle dismantlers/assemblers)
- AURV371481A Implement and monitor environmental regulations and best practice in the body repair industry (applicable specifically to those in a body repair workshop)

TWO

20 units of competence from the Vehicle Body Inventory (listed on pages 82–86)

THREE

6 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

The following units of competence must not be used together when achieving this qualification:

MEM05003B	Perform soft soldering
<i>and</i>	
AURV223808A	Carry out soft soldering techniques
MEM05004C	Perform routine oxy acetylene welding
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05007C	Perform manual heating and thermal cutting
<i>and</i>	
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
MEM05017C	Weld using gas metal arc welding process
<i>and</i>	
AURV281308A	Carry out gas metal arc (MIG) welding procedures

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Body Building

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURT225667A Use and maintain measuring equipment
- AURT325149A Prepare engineering drawings
- 4 units of competence from the Vehicle Body cluster – Fabrication group
- 3 units of competence from the Vehicle Body cluster – Welding group

Panel Beating

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- 14 units of competence from the Vehicle Body cluster – Body Repair group

Vehicle Glazing

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- 10 units of competence from the Vehicle Body cluster – Glass/Windcreens/Tinting group

Vehicle Painting

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- 14 units of competence from the Vehicle Body cluster – Paint/Refinish group

Vehicle Trimming

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- 9 units of competence from the Vehicle Body cluster – Trim group
- 1 unit of competence from the Vehicle Body cluster – Body Repair group

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

AUR31005 Certificate III in Automotive Sales

Qualification Requirements

28 units of competence at levels 2, 3 or 4 are required to complete this qualification within the specific requirements as set out in the three areas below:

NOTE: a maximum of 18 units of competence may be at level 2, and a maximum of 2 units of competence may be at level 4

ONE

The following units of competence are compulsory:

- AURC270103A Apply safe working practices
- AURC270421A Establish relations with customers
- AURC270688A Work effectively with others
- AURC270789A Communicate effectively in the workplace
- AURC272003A Apply environmental regulations and best practice in a workplace or business
- AURS241769A Sell product(s)
- BSBCMN208A Deliver a service to customers

TWO

18 units of competence from the Sales Inventory (listed on pages 68–71)

THREE

3 units of competence from the Retail, Service and Repair or any endorsed Training Package that meet the needs of the enterprise.

When people have achieved units as individual units or as part of Certificate II that are consistent with the requirement of this qualification then credit should be given for these units.

Descriptors

A descriptor may be used to describe the specific job profile(s). The descriptor(s) selected must adhere to the above qualification requirements.

Descriptors are minimum industry recommendations to assist training providers, employers and trainees with the development of training plans for those employed in the following:

(Note: the use of a descriptor does not alter nationally recognised qualification titles)

Aftermarket Retail Operation

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURC251677A Use numbers in the workplace
- AURC261314A Contribute to quality work outcomes
- AURS238127A Identify and select automotive parts and products
- AURS241803A Apply legal requirements relating to product sales
- BSBCMN311A Maintain workplace safety

PLUS a minimum of 6 of the following

- AURC270889A Communicate business information
- AURC362807A Build customer relations
- AURS338103A Apply automotive parts interpretation process
- BSBCMN307A Maintain business resources
- BSBCMN410A Coordinate implementation of customer service strategies
- BSBCMN411A Monitor a safe workplace
- WRRF3B Produce financial reports
- WRRI5A Maintain and order stock
- WRRLP4B Maintain store security
- WRRM3B Coordinate merchandise presentation
- WRRS3B Coordinate sales performance

Bicycle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURS241803A Apply legal requirements relating to product sales
- a minimum of 2 units of competence at level 3 from the Bicycle and/or General Mechanical clusters

Farm Machinery

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURS241803A Apply legal requirements relating to product sales
- RTC2306A Operate vehicles
- RTC2307A Operate machinery and equipment
- RTC2309A Operate tractors
- RTC3310A Operate specialised machinery and equipment

Outdoor Power Equipment

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURC362807A Build customer relations
- AURS238150A Present stock and sales area
- AURS241303A Apply sales procedures
- AURS241803A Apply legal requirements relating to product sales
- AURS242621A Promote products and services
- BSBSLS304A Secure prospect commitment
- BSBSLS305A Support post-sale activities
- TDTA1397B Receive goods
- WRRCA1B Operate retail equipment
- WRRI1B Perform stock control procedures
- WRRM3B Coordinate merchandise presentation
- WRRLP2B Minimise theft

Service Station

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURS238127A Identify and select automotive parts and products
- AURS238150A Present stock and sales area
- AURS241803A Apply legal requirements relating to product sales
- BSBCMN205A Use business technology
- BSBCMN311A Maintain workplace safety
- WRRCS2B Apply point of sale handling procedures
- WRRLP2B Minimise theft

PLUS a minimum of 10 of the following:

- AURC270889A Communicate business information
- AURC362807A Build customer relations

- BSBADM307A Organise schedules
- BSBCMN307A Maintain business resources
- BSBCMN308A Maintain financial records
- BSBCMN310A Deliver and monitor a service to customers
- BSBCMN411A Monitor a safe workplace
- BSBSBM301A Research business opportunities
- BSBSBM407A Manage a small team
- BSBSLS301A Develop product knowledge
- WRR15A Maintain and order stock
- WRRLP4B Maintain store security
- WRRM3B Coordinate merchandise presentation
- WRRS3B Coordinate sales performance

Parts Interpreting

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURC251677A Use numbers in the workplace
- AURS238127A Identify and select automotive parts and products
- AURS241803A Apply legal requirements relating to product sales
- AURS338103A Apply automotive parts interpretation process
- BSBCMN205A Use business technology
- TDTA1197B Package goods

Plus a minimum of 6 of the following:

- AURC362807A Build customer relations
- AURS239508A Carry out warehousing procedures
- AURS241303A Apply sales procedures
- BSBCMN310A Deliver and monitor a service to customers
- BSBSLS301A Develop product knowledge
- WRR11B Perform stock control procedures
- WRR15A Maintain and order stock
- WRRLP3B Maintain store safety
- WRRM1B Merchandise products

Vehicle

To use this descriptor the following must be included when selecting units of competence as specified in area **TWO**:

- AURC251677A Use numbers in the workplace
- AURC362807A Build customer relations
- AURS238150A Present stock and sales area
- AURS241303A Apply sales procedures
- AURS241803A Apply legal requirements relating to product sales
- AURS252290A Process customer complaints
- BSBCMN205A Use business technology
- BSBCMN310A Deliver and monitor a service to customers
- BSFLM312A Contribute to team effectiveness
- BSBSLS301A Develop product knowledge
- WRRM1B Merchandise products

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

Certificate I Inventory

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
Administration group		
AURC270688A	2	Work effectively with others
BSBCMNI03A	1	Apply basic communication skills
BSBCMNI07A	1	Operate a personal computer
Bicycles group		
AURB100064A	1	Remove and tag bicycle components
AURB218168A	2	Remove, repair and fit bicycle tyres
Electrical group		
AURE100064A	1	Remove and tag automotive electrical system components
AURE118671A	1	Test, service and maintain battery storage systems
AURE218664A	2	Remove and replace electrical/electronic units/assemblies
AURE218670A	2	Service, maintain or replace batteries
Engines group		
AURT100064A	1	Remove and tag engine system components
AURT200368A	2	Select and use bearings, seals, gaskets, sealants and adhesives
Environment group		
AURC172003A	1	Identify environmental regulations and best practice in a workplace or business
Glass/Windscreen/Tinting group		
AURV233163A	2	Remove and install rear vision mirrors
Literacy/Numeracy group		
AURC251356A	2	Read in the workplace
AURC251677A	2	Use numbers in the workplace
Maintenance group		
AURT200108A	2	Carry out servicing operations
AURT270278A	2	Use and maintain workplace tools and equipment
Measuring group		
AURT125667A	1	Use and maintain basic measuring devices
Outdoor Power Equipment group		
AURP245465A	2	Remove, fit and adjust line trimming system components
Paint/Refinish group		
AURV229608A	2	Carry out masking procedures
AURV230349A	2	Prepare vehicle components for paint repairs
AURS238127A	2	Identify and select automotive parts and products
Staffing/Personnel group		
BSBCMNI01A	1	Prepare for work
BSBCMNI02A	1	Complete daily work activities
Steering and Suspension group		
AURT100164A	1	Remove and tag steering, suspension and brake system components

Certificate I Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
Transmissions group		
AURT100264A	1	Remove and tag transmission system components
Vehicle Body group		
AURV100064A	1	Remove and tag vehicle body system components
AURV226864A	2	Remove, replace and realign bolt-on vehicle body panels, panel sections and ancillary fittings
AURV227064A	2	Remove and replace mechanical units/assemblies
AURV231786AA	2	Wash/clean vehicle body and door cavities
Welding group		
AURV223808A	2	Carry out soft soldering techniques
MEM05003B	2	Perform soft soldering
Workplace Safety group		
AURC270103A	2	Apply safe working practices
Workshop Practices group		
AURT100308A	1	Carry out workshop practice activities
Trimming group		
AURV230608A	2	Carry out sewing repairs and alterations
AURV231809BA	2	Clean and finish vehicle interior trim and seats

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

Sales Inventory

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
BICYCLE CLUSTER		
Administration – Bicycle group		
AURB254380A	2	Operate in a retail bicycle environment
Accessories group		
AURB232265A	2	Remove, replace, fit and adjust bicycle accessories
Brakes – Bicycle, Mechanical group		
AURB212170A	2	Service bicycle mechanical braking systems
AURB312166A	3	Repair bicycle mechanical braking systems
Brakes – Bicycle, Hydraulic group		
AURB212370A	2	Service bicycle hydraulic braking systems
AURB312366A	3	Repair bicycle hydraulic braking systems
Drivetrain – Bicycles group		
AURB214670A	2	Service bicycle drivetrain systems
AURB314666A	3	Repair bicycle drivetrain systems
Frame Repairs – Bicycles group		
AURB228270A	2	Service bicycle frames
AURB328266A	3	Repair bicycle frames
Steering – Bicycles group		
AURB215671A	2	Service and repair bicycle steering systems
AURB315645A	3	Overhaul bicycle steering systems
Suspension – Bicycles group		
AURB216671A	2	Service and repair bicycle suspension systems
AURB316645A	3	Overhaul bicycle suspension systems
Tyres, Wheels and Hubs – Bicycles group		
AURB218168A	2	Remove, repair and fit bicycle tyres
AURB218265A	2	Remove/refit and adjust bicycle wheels
AURB218266A	2	Repair bicycle wheels
AURB218271A	2	Service and repair bicycle wheel hubs
AURB318207A	3	Design and build bicycle wheels
ENVIRONMENTAL CLUSTER		
Environment group		
AURC272003A	2	Apply environmental regulations and best practice in a workplace or business
AURC472082A	4	Plan and manage compliance with environmental regulations in a workplace or business

Sales Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
GENERAL MECHANICAL CLUSTER		
Diagnosis group		
AURC252103A	2	Apply basic automotive troubleshooting processes
AURT366108A	3	Carry out diagnostic procedures
Maintenance group		
AURT200108A	2	Carry out servicing operations
AURT270278A	2	Use and maintain workplace tools and equipment
Measuring group		
AURT225667A	2	Use and maintain measuring equipment
Vehicle Inspection/Assessment group		
AURT365130A	3	Inspect vehicle systems and determine preferred repair action
MANAGEMENT AND ADMINISTRATION CLUSTER		
Administration group		
AURC361230A	3	Inspect technical quality of work
BSBADM305A	3	Create and use databases
BSBCMN305A	3	Organise workplace information
Business group		
BSBCMN205A	2	Use business technology
BSBCMN307A	3	Maintain business resources
BSBSBM301A	3	Research business opportunities
Communication group		
AURC270688A	2	Work effectively with others
AURC270789A	2	Communicate effectively in the workplace
AURC270889A	2	Communicate business information
Continuous Improvement group		
AURC261314A	2	Contribute to quality work outcomes
BSBCMN312A	3	Support innovation and change
BSBFLM309B	3	Support continuous improvement systems and processes
E-Business group		
BSBEBUS301A	3	Search and assess online business information
BSBEBUS304A	3	Buy online
BSBEBUS305A	3	Sell online
BSBEBUS306A	3	Make payments online
BSBEBUS307A	3	Bank online
BSBEBUS402A	4	Implement e-correspondence policies
Financial group		
BSBCMN308A	3	Maintain financial records
WRRF3B	3	Produce financial reports
Literacy/Numeracy group		
AURC251677A	2	Use numbers in the workplace

Sales Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
Problem Solving group		
AURC252327A	2	Identify, clarify and resolve problems
Scheduling group		
BSBADM307A	3	Organise schedules
Security group		
WRRLP2B	2	Minimise theft
WRRLP3B	3	Maintain store safety
WRRLP4B	3	Maintain store security
WRRP5B	4	Apply store security systems and procedures
Staffing/Personnel group		
AURC359350A	3	Conduct information sessions
BSBCMN302A	3	Organise personal work priorities and development
BSBFLM312A	3	Contribute to team effectiveness
BSBSBM407A	4	Manage a small team
Workplace Safety group		
AURC270103A	2	Apply safe working practices
BSBCMN311A	3	Maintain workplace safety
BSBCMN411A	4	Monitor a safe workplace
HLTFA1A	2	Apply basic first aid
SALES, WAREHOUSING, PURCHASING AND STORAGE CLUSTER		
Customer Service group		
AURC270421A	2	Establish relations with customers
AURC362807A	3	Build customer relations
AURC363337A	3	Maintain business image
AURS252290A	2	Process customer complaints
BSBCMN208A	2	Deliver a service to customers
BSBCMN310A	3	Deliver and monitor a service to customers
BSBCMN410A	4	Coordinate implementation of customer service strategies
Equipment Operation group		
RTC2306A	3	Operate vehicles
RTC2307A	3	Operate machinery and equipment
RTC2309A	3	Operate tractors
RTC3310A	3	Operate specialised machinery and equipment
TDTD1097B	2	Operate a forklift
Finance and Insurance group		
AURC456661A	4	Recover claim losses
Sales group		
AURS238127A	2	Identify and select automotive parts and products
AURS238150A	2	Present stock and sales area
AURS238154A	2	Provide information to customers on automotive refinishing products
AURS241303A	2	Apply sales procedures

Sales Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURS241608A	2	Carry out cash and/or credit/funds transfer transactions
AURS241769A	2	Sell product(s)
AURS241803A	2	Apply legal requirements relating to product sales
AURS338103A	3	Apply automotive parts interpretation process
BSBSLS302A	3	Identify sales prospects
BSBSLS303A	3	Present a sales solution
BSBSLS304A	3	Secure prospect commitment
BSBSLS305A	3	Support post-sale activities
WRRFS3B	2	Advise on fast food products
WRRLP6C	2	Apply retail food safety practices
WRRLP7C	3	Monitor food safety plan/program
WRRS3B	3	Coordinate sales performance
Marketing group		
AURS242621A	2	Promote products and services
BSBSLS301A	3	Develop product knowledge
PRDRE30A	3	Implement personal marketing plan
WRRM1B	2	Merchandise products
WRRM3B	3	Coordinate merchandise presentation
Materials Handling/Warehousing group		
AURS239508A	2	Carry out warehousing procedures
PMBHAN204B	2	Package goods/materials
TDTA1197B	2	Package goods
TDTA1997B	3	Organise receival operations
Purchasing group		
AURS344330A	3	Inspect, appraise and purchase used motor vehicles to supplement stock for sale
WRR14B	4	Buy merchandise
Retail Equipment group		
WRRCA1B	2	Operate retail equipment
WRRCA5B	3	Operate retail information technology systems
WRRCS2B	2	Apply point of sale handling procedures
WRRF1B	2	Balance register/terminals
Stock Control group		
AURS338216A	3	Determine used motor vehicle stock requirements
AURS342369A	3	Wholesale used motor vehicle stock
TDTA1297B	2	Pick and process orders
TDTA1397B	2	Receive goods
TDTA2097B	2	Replenish stock
WRR11B	2	Perform stock control procedures
WRR15A	3	Maintain and order stock

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

Technical Inventory

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
ADVANCED TECHNOLOGY CLUSTER		
Electrical/Electronic – Systems group		
AURT575093A	5	Analyse and evaluate electrical and electronic faults in stability/steering/suspension systems
AURT575193A	5	Analyse and evaluate electrical and electronic faults in electric over hydraulic systems
AURT575293A	5	Analyse and evaluate electrical and electronic faults in engine management systems
AURT575393A	5	Analyse and evaluate electrical and electronic faults in transmission/driveline systems
AURT575493A	5	Analyse and evaluate electrical and electronic faults in braking systems
AURT575593A	5	Analyse and evaluate electrical and electronic faults in safety systems
AURT575693A	5	Analyse and evaluate electrical and electronic faults in monitoring/protection systems
AURT575893A	5	Analyse and evaluate electrical and electronic faults in convenience and entertainment systems
AURT575993A	5	Analyse and evaluate electrical and electronic faults in theft deterrent systems
AURT576093A	5	Analyse and evaluate electrical and electronic faults in electric and hybrid vehicle systems
AURT576193A	5	Analyse and evaluate electrical and electronic faults in climate control systems
Electrical/Electronic – Systems Modification group		
AURT576520A	5	Develop and apply electrical systems modification
AURT576620A	5	Develop and apply electronic systems modification
General Technology group		
AURT477093A	4	Analyse and evaluate gas fuel system faults
AURT577120A	5	Develop and apply gas fuel systems modification
AURT577394A	5	Evaluate and select bodywork materials, equipment and processes
AURT577520A	5	Prepare technical reports
AURT577620A	5	Develop and document specifications and procedures
AURT577727A	5	Identify and calculate total costs of work
Mechanical – Heavy Vehicle group		
AURT571093A	5	Analyse and evaluate heavy vehicle steering and suspension system faults
AURT571193A	5	Analyse and evaluate heavy vehicle transmission system faults
AURT571293A	5	Analyse and evaluate heavy vehicle engine and fuel system faults
AURT571393A	5	Analyse and evaluate heavy vehicle braking system faults
Mechanical – Light Marine group		
AURT573593A	5	Analyse and evaluate light marine hydraulic system faults
AURT573693A	5	Analyse and evaluate light marine transmission system faults
AURT573793A	5	Analyse and evaluate light marine engine and powerhead system faults

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURT573893A	5	Analyse and evaluate light marine hull performance and stability system faults
Mechanical – Light Vehicle group		
AURT570093A	5	Analyse and evaluate light vehicle steering and suspension system faults
AURT570193A	5	Analyse and evaluate light vehicle driveline system faults
AURT570293A	5	Analyse and evaluate light vehicle engine and fuel system faults
AURT570393A	5	Analyse and evaluate light vehicle braking system faults
Mechanical – Systems Modification group		
AURT574020A	5	Develop and apply mechanical systems modification
AURT574120A	5	Develop and apply hydraulic systems modification
AURT574220A	5	Develop and apply pneumatic systems modification
Mechanical – Mobile Plant group		
AURT572093A	5	Analyse and evaluate wheeled mobile plant steering and suspension system faults
AURT572193A	5	Analyse and evaluate wheeled mobile plant transmission system faults
AURT572293A	5	Analyse and evaluate mobile plant engine and fuel system faults
AURT572393A	5	Analyse and evaluate tracked mobile plant transmission, steering and braking system faults
AURT572493A	5	Analyse and evaluate tracked mobile plant undercarriage and suspension system faults
AURT572593A	5	Analyse and evaluate wheeled mobile plant braking system faults
AURT572693A	5	Analyse and evaluate mobile plant hydraulic system faults
Mechanical – Motor Cycle group		
AURT573093A	5	Analyse and evaluate motorcycle steering, suspension and frame system faults
AURT573193A	5	Analyse and evaluate motorcycle engine and transmission system faults
AURT573293A	5	Analyse and evaluate motorcycle electrical/electronic system faults
AURT573393A	5	Analyse and evaluate motorcycle braking system faults
BRAKES CLUSTER		
Brakes – Air group		
AURT211170A	2	Inspect and service air braking systems
AURT311166A	3	Repair air braking systems
AURT411145A	4	Overhaul air braking systems/components
Brakes – Drums, Discs and Linings group		
AURT210605A	2	Attach friction materials and radius grind
AURT210736A	2	Machine brake drums and brake disc rotors
Brakes – Electric group		
AURE311666A	3	Repair electric braking systems
Brakes – General group		
AURT210170A	2	Inspect and service braking systems
AURT310104A	3	Assemble and fit braking systems/components
AURT310166A	3	Repair hydraulic braking systems
AURT310171A	3	Inspect, service and repair auxiliary braking systems
AURT410145AA	4	Overhaul braking system components (light)
AURT410145BA	4	Overhaul braking system components (heavy)

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
ELECTRICAL ANCILLARY SYSTEMS AND ACCESSORIES CLUSTER		
AC Electric Motor Drive Systems group		
AURE319271A	3	Inspect, service and repair AC electric motor drive systems
Electrical group		
AURE218664A	2	Remove and replace electrical/electronic units/assemblies
AURE218670A	2	Service, maintain or replace batteries
AURE218676A	2	Test, service and charge batteries
AURE218708A	2	Carry out repairs to single electrical circuits
AURE218764A	2	Remove, refit and test electrical componentry for normal operation following body repair activities
AURE219331A	2	Install, test and repair low voltage wiring/lighting systems
AURE219431A	2	Install, test and repair electrical security systems/components
AURE219531A	2	Install ancillary electrical components
AURE220140A	2	Manufacture and repair wiring harness/looms
AURE224008A	2	Carry out soldering of electrical wiring/circuits
AURE318866A	3	Repair electrical systems
AURE318966A	3	Repair instruments and warning systems
AURE319145A	3	Overhaul charging system alternators
AURE319166A	3	Repair charging systems
AURE319245A	3	Overhaul starting motors
AURE319266A	3	Repair starting systems
AURE320031A	3	Install marine electrical systems/components
AURE320066A	3	Diagnose and repair marine electrical systems/components
Electronics group		
AURE320871A	3	Service and repair electronically controlled steering systems
AURE320971A	3	Service and repair electronically controlled suspension systems
AURE321066A	3	Repair electronic systems
AURE321171A	3	Service and repair electronic spark ignition engine management systems
AURE321271A	3	Service and repair electronic drive management systems
AURE321371A	3	Service and repair electronic body management systems
AURE321471A	3	Service and repair electronically controlled anti-lock braking systems
AURE321571A	3	Service and repair electronically operated traction control system
AURE321671A	3	Service and repair electronically operated stability control systems
AURE321771A	3	Service and repair electronic compression ignition engine management systems
AURE321831A	3	Install marine electronic systems/components
AURE321971A	3	Inspect, service and repair electronic management, monitoring and tracking systems
Ignition group		
AURE320666A	3	Repair ignition systems
ENGINES/SYSTEMS AND TRANSMISSIONS CLUSTER		
Clutch group		
AURT306170A	3	Inspect, service and/or repair clutch assemblies and associated operating system components
AURT406145A	4	Overhaul clutch assemblies

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
Cooling group		
AURT202166A	2	Repair cooling systems
AURT202170A	2	Inspect and service cooling systems
Driveline group		
AURT213165A	2	Remove and refit driveline components
AURT213170A	2	Service final drive (driveline)
AURTH313166A	3	Repair final drive – driveline (heavy vehicle)
AURTL313166A	3	Repair final drive – driveline (light vehicle)
Emission group		
AURT204670A	2	Inspect and service emission control systems
AURT304666A	3	Repair and replace emission control systems
Exhaust group		
AURT205123A	2	Fabricate exhaust system components
AURT205166A	2	Repair exhaust system components
Engines – General group		
AURT200368A	2	Select and use bearings, seals, gaskets, sealants and adhesives
AURT201164A	2	Remove and install engine assemblies
AURT201170A	2	Inspect and service engines
AURT301357A	3	Rebuild engine components
AURT301359A	3	Reclaim engine components
AURT301383A	3	Dismantle, assemble and repair engine block and sub-assemblies
AURT301483A	3	Recondition cylinder heads
AURT401145A	4	Overhaul engines and associated engine components
AURTH301166A	3	Repair engines and associated engine components (heavy vehicle)
AURTH404584A	4	Inspect, repair and diagnose alternative fuel systems for heavy vehicle engines
AURTL301166A	3	Repair engines and associated engine components (light vehicle)
Final Drive Assemblies group		
AURT212670A	2	Service final drive assemblies
AURT412645A	4	Overhaul final drive assemblies
AURTH312666A	3	Repair final drive assemblies (heavy vehicle)
AURTL312666A	3	Repair final drive assemblies (light vehicle)
Forced Induction group		
AURT305671A	3	Inspect and repair engine forced induction systems
Fuel Systems – Diesel group		
AURT203670A	2	Service diesel fuel injection systems
AURT303666A	3	Repair diesel fuel systems
AURT403645A	4	Overhaul diesel fuel injection systems
Fuel Systems – Gas group		
AURT304031A	3	Install LPG/CNG electrical control equipment
AURT304231A	3	Install LPG fuel systems
AURT304266A	3	Repair LPG fuel systems
AURT304270A	3	Service LPG fuel systems
AURT304331A	3	Install CNG fuel systems
AURT304366A	3	Repair CNG fuel systems
AURT304370A	3	Service CNG fuel systems

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURT304431A	3	Install LNG fuel systems
AURT304466A	3	Repair LNG fuel systems
AURT304470A	3	Service LNG fuel systems
AURT404284A	4	Diagnose LPG fuel system faults
AURT404384A	4	Diagnose CNG fuel system faults
AURT404484A	4	Diagnose LNG fuel system faults
Fuel Systems – Petrol group		
AURT203170B	2	Service petrol fuel systems
AURT303166B	3	Repair petrol fuel systems
AURT403145B	4	Overhaul petrol fuel system components
Machining group		
AURT334606A	3	Balance engine components
AURT334608A	3	Carry out blueprinting of engine components
AURT334708A	3	Carry out reboring and honing of cylinders
AURT334808A	3	Carry out grinding and facing operations
AURT334972A	3	Set, operate and monitor specialist machines
AURT335108A	3	Carry out machining operations
MEM07005B	2	Perform general machining
Radiators group		
AURT202608A	2	Carry out radiator repairs
Transmissions – Automatic group		
AURT207170A	2	Inspect and service transmissions (automatic)
AURT407145A	4	Overhaul transmissions (automatic)
AURTH307165A	3	Inspect, test and replace transmissions – automatic (heavy vehicle)
AURTH307166A	3	Repair transmissions – automatic (heavy vehicle)
AURTL307166A	3	Repair transmissions – automatic (light vehicle)
Transmissions – Hydrostatic group		
AURT208170A	2	Service transmissions (hydrostatic)
AURT308166A	3	Repair transmissions (hydrostatic)
AURT408145A	4	Overhaul transmissions (hydrostatic)
Transmissions – Manual group		
AURT206670A	2	Inspect and service transmissions (manual)
AURT406645A	4	Overhaul transmissions (manual)
AURTH306666A	3	Repair transmissions – manual (heavy vehicle)
AURTL306666A	3	Repair transmissions – manual (light vehicle)
ENVIRONMENTAL CLUSTER		
Environment group		
AURC272003A	2	Apply environmental regulations and best practice in a workplace or business
AURR271103A	2	Apply environmental regulations in the marine service industry
AURR371181A	3	Implement and monitor environmental regulations in the marine repair industry
AURR471182A	4	Plan and manage compliance with environmental regulations in the marine service and repair industry
AURT271781A	2	Implement and monitor environmental regulations in the automotive mechanical industry

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURT471782A	4	Plan and manage compliance with environmental regulations in the mechanical repair industry
GENERAL MECHANICAL CLUSTER		
Agricultural/Heavy Vehicle Equipment group		
AURT300373A	3	Synchronise plant/equipment
AURT300471A	3	Inspect, service and repair harvesting equipment
AURT300571A	3	Inspect, service and repair crop planting and seeding equipment
AURT300671A	3	Inspect, service and repair spraying and spreading equipment
AURT300771A	3	Inspect, service and repair lift truck mast assemblies
Air Compressor group		
AURT222171A	2	Service, repair and replace air compressors/components
AURT222170A	2	Service air compressors and air lines
Air Conditioning group		
AURT222631A	2	Install air conditioning systems
AURT222670A	2	Service air conditioning systems
AURT322645A	4	Overhaul air conditioning system components
AURT322666A	3	Repair/retrofit air conditioning systems
Diagnosis group		
AURC252103A	2	Apply basic automotive troubleshooting processes
AURT366108A	3	Carry out diagnostic procedures
AURT366308A	3	Carry out advanced diagnostic procedures
AURT466208A	4	Carry out diagnosis of complex system faults
Drawings group		
AURT225156A	2	Read and interpret engineering drawings
AURT225191A	2	Produce drawings from design concepts
AURT225291A	2	Produce patterns and templates
AURT325149A	3	Prepare engineering drawings
Hydraulics group		
AURT209170A	2	Service hydraulic systems
AURT309131B	3	Install hydraulic systems to specified applications
AURT309140A	3	Manufacture and install fluid power hose assemblies
AURT309166A	3	Repair hydraulic systems
Maintenance group		
AURT200108A	2	Carry out servicing operations
AURT270278A	2	Use and maintain workplace tools and equipment
Measuring group		
AURT225667A	2	Use and maintain measuring equipment
Pneumatics group		
AURT209671A	2	Inspect, service and repair pneumatic systems
AURT309604A	3	Assemble and install pneumatic systems/components
AURT309627A	3	Identify and apply pneumatic wheeled traction performance enhancement systems (heavy vehicle)
Refrigeration group		
AURT223104A	2	Assemble and install refrigeration systems/components
Vehicle Inspection/Assessment group		
AURT365130A	3	Inspect vehicle systems and determine preferred repair action

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURT365508A	3	Carry out vehicle safety/roadworthy inspection
AURT226008A	2	Carry out pre-repair operations (mechanical)
MANAGEMENT AND ADMINISTRATION CLUSTER		
Administration group		
AURC361230A	3	Inspect technical quality of work
AURC365722A	3	Estimate complex jobs
AURC465349A	4	Prepare written repair quotation
Communication group		
AURC270688A	2	Work effectively with others
AURC270789A	2	Communicate effectively in the workplace
AURC270889A	2	Communicate business information
Continuous Improvement group		
AURC361101A	3	Adapt work processes to new technologies
AURC361337A	3	Maintain quality systems
BSBCMN412A	4	Promote innovation and change
Staffing/Personnel group		
AURC359554A	3	Provide technical guidance
Workplace Safety group		
AURC270103A	2	Apply safe working practices
BSBCMN311A	3	Maintain workplace safety
HLTFA1A	2	Apply basic first aid
MARINE CLUSTER		
Jet Drives group		
AURR214170A	2	Service jet drive propulsion systems
AURR314131A	3	Install jet drive propulsion systems
AURR314166A	3	Diagnose and repair jet drive propulsion systems
Marine – General group		
AURR246870A	2	Service deck, hull, and deck and cabin equipment and fittings
AURR346108A	3	Carry out hull repairs
AURR346131A	3	Install marine engines/controls/instruments
AURR346266A	3	Diagnose and repair rope, cable and chain systems
AURR346335A	3	Launch and recover vessel from trailer
AURR346435A	3	Launch and recover vessel from crane, gantry and forklift
AURR346519A	3	Inspect, drive and manoeuvre motor driven vessel
AURR346542A	3	Moor vessel
AURR346649A	3	Prepare (winterise) vessel systems
AURR346660A	3	Recommission vessel systems
AURR346749A	3	Prepare (winterise) engine systems
AURR346760A	3	Recommission engine systems
AURR346866A	3	Repair deck, hull, and deck and cabin equipment and fittings
AURR346927A	3	Identify the need for water testing vessels
AURR346930A	3	Water test vessels
AURR346975A	3	Water test engines in tanks
AURR347030A	3	Check configuration to meet specific customer performance specification
Propeller Drives group		
AURR213631A	2	Install inboard propeller drive systems

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURR313670A	3	Service inboard propeller drive systems
AURR313684A	3	Diagnose and repair inboard propeller drive systems
Transmissions – Marine group		
AURR207670A	2	Service marine transmissions (outboard and stern drive)
AURR207770A	2	Service marine transmissions (inboard)
AURR307684A	3	Repair marine transmissions (outboard and stern drive)
AURR307784A	3	Diagnose and repair marine transmissions (inboard)
OUTDOOR POWER EQUIPMENT CLUSTER		
Engines – Outdoor Power Equipment group		
AURP201570A	2	Service engines and associated engine components (outdoor power equipment)
AURE222876A	2	Test, service and repair powered shears
AURE222976A	2	Test and service outdoor powered equipment
AURP245171A	2	Service and repair faults in rotary cutting systems
AURP245271A	2	Service and repair faults in drum cutting systems
AURP245371A	2	Service and repair chainsaw cutting systems
AURP245465A	2	Remove, fit and adjust line trimming system components
AURP245571A	2	Service and repair faults in post boring systems
AURP245671A	2	Service and repair faults in post-hole digging systems
AURP245771A	2	Service and repair faults in reciprocating cutting systems
AURP301566A	3	Repair engines and associated engine components (outdoor power equipment)
AURP322776A	3	Test and service 240V portable generators
AURP401245A	4	Overhaul engines and associated engine components (outdoor power equipment)
Pumping Systems group		
AURP247670A	2	Service pumping systems
AURP347666A	3	Repair pumping systems
SALES, WAREHOUSING, PURCHASING AND STORAGE CLUSTER		
Equipment Operation group		
TDTD1097B	2	Operate a forklift
TDTD1197A	3	Conduct advanced forklift operations
Materials Handling/Warehousing group		
TDTD197B	2	Shift materials safely using manual handling methods
TDTD497B	2	Load and unload goods/cargo
TDTD1397B	2	Move materials mechanically using automated equipment
STEERING AND SUSPENSION CLUSTER		
Steering group		
AURT215130A	2	Inspect steering systems
AURT215170A	2	Insect and service steering systems
AURT415145A	4	Overhaul steering system components
AURTH315166A	3	Repair steering systems (heavy vehicle)
AURTL315166A	3	Repair steering systems (light vehicle)
AURTM315166A	3	Repair steering systems (motorcycle)
Suspension group		
AURT216130A	2	Inspect suspension system

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURT216170A	2	Inspect and service suspension systems
AURT316168A	3	Select and install performance enhanced suspension system products
AURT316171A	3	Service and rectify faults in lift assisted suspension systems
AURT316271A	3	Inspect, service and repair tracked type drive and support systems
AURT316316A	3	Determine compliance of steering and suspension modifications
AURTH316166A	3	Repair suspension systems (heavy vehicle)
AURTL316166A	3	Repair suspension systems (light vehicle)
AURTM316166A	3	Repair suspension systems (motorcycle)
TRAILERS CLUSTER		
Trailers – General group		
AURT237271A	2	Service and repair trailer(s)
AURT337119A	3	Drive and manoeuvre trailer(s)
TYRES AND WHEELS CLUSTER		
Tyres, Rims and Wheels group		
AURT217606A	2	Balance wheels and tyres
AURT217665A	2	Remove, fit and inspect wheel assemblies
AURT217668A	2	Select tyres and rims for specific applications (light)
AURT217766A	2	Remove, inspect, repair and fit tyres and tubes (light)
AURT217865A	2	Remove and refit wheel hubs and associated brake components
AURT217966A	2	Remove, inspect, repair and fit tyres and tubes (heavy)
AURT217985A	2	Fit tyres and rims for specific applications (heavy)
AURT317968A	3	Identify and fit tyres and rims for specific applications (heavy)
AURT318054A	3	Provide advice on the effects of wheel and tyre combinations
Wheel Alignment group		
AURT317172A	3	Reset steering system alignment adjustments to customer specifications
AURTL317108A	2	Carry out wheel alignment operations (heavy vehicle)
AURTL317108A	2	Carry out wheel alignment operations (light vehicle)
VEHICLE BODY CLUSTER		
Assessment/Quotations group		
AURV365356A	3	Read and interpret vehicle body repair estimation/quotation
AURV465116A	4	Determine vehicle body damage and recommend repair procedures
AURV465230A	4	Inspect paint, trim and accessories and ascertain recommended repair procedures
Body Repair group		
AURV327164A	3	Remove and replace supplementary restraint systems (SRS)
Frame Repairs group		
AURV328166A	3	Repair and align motorcycle frames
Welding group		
AURV223608A	2	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
AURV223808A	2	Carry out soft soldering techniques
AURV281108A	2	Carry out manual metal arc welding procedures
AURV281208A	2	Carry out brazing procedures
AURV281308A	2	Carry out metal arc (MIG) welding procedures
AURV281408A	2	Carry out gas tungsten arc (TIG) welding procedures
AURV281508A	2	Carry out spot welding procedures

Technical Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURV323908A	3	Carry out thermoplastic welding procedures
MEM5050B	2	Perform routine gas metal arc welding
MEM05004C	2	Perform routine oxy acetylene welding
MEM05003B	2	Perform soft soldering
MEM05007C	2	Perform manual heating and thermal cutting
MEM05017C	2	Weld using gas metal arc welding process

Please note: Only the shaded units of competency are available in the Automotive Curriculum Framework. HSC course requirements are outlined in Sections 8 and 17.

Vehicle Body Inventory

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
ELECTRICAL ANCILLARY SYSTEMS AND ACCESSORIES CLUSTER		
Electrical group		
AURE218664A	2	Remove and replace electrical/electronic units/assemblies
AURE218676A	2	Test, service and charge batteries
AURE218708A	2	Carry out repairs to single electrical circuits
AURE218764A	2	Remove, refit and test electrical componentry for normal operation following body repair activities
AURE220140A	2	Manufacture and repair wiring harness/looms
AURE224008A	2	Carry out soldering of electrical wiring/circuits
ENVIRONMENTAL CLUSTER		
Environment group		
AURC272003A	2	Apply environmental regulations and best practice in a workplace or business
AURT271781A	2	Implement and monitor environmental regulations in the automotive mechanical industry
AURV271403A	2	Apply environmental regulations and best practice in the body repair industry
AURV371481A	3	Implement and monitor environmental regulations and best practice in the body repair industry
AURV471482A	4	Plan and manage compliance with environmental regulations in the body repair industry
GENERAL MECHANICAL CLUSTER		
Air Compressor group		
AURT222170A	2	Service air compressors and air lines
Diagnosis group		
AURC252103A	2	Apply basic automotive troubleshooting processes
AURT366108A	3	Carry out diagnostic procedures
Drawings group		
AURT225156A	2	Read and interpret engineering drawings
AURT325149A	3	Prepare engineering drawings
Maintenance group		
AURT270278A	2	Use and maintain workplace tools and equipment
Measuring group		
AURT225667A	2	Use and maintain measuring equipment
Vehicle Inspection/Assessment group		
AURT365130A	3	Inspect vehicle systems and determine preferred repair action
AURT365508A	3	Carry out vehicle safety/roadworthy inspection
AURV228630A	2	Inspect vehicle for saleable items and determine their value

Vehicle Body Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
MANAGEMENT AND ADMINISTRATION CLUSTER		
Administration group		
AURC365722A	3	Estimate complex jobs
Communication group		
AURC270688A	2	Work effectively with others
AURC270789A	2	Communicate effectively in the workplace
AURC270889A	2	Communicate business information
Problem Solving group		
AURC252327A	2	Identify, clarify and resolve problems
Staffing/Personnel group		
BSBCMN302A	3	Organise personal work priorities and development
BSBFLM312A	3	Contribute to team effectiveness
Workplace Safety group		
AURC270103A	2	Apply safe working practices
BSBCMN311A	3	Maintain workplace safety
HLTFA1A	2	Apply basic first aid
SALES, WAREHOUSING, PURCHASING AND STORAGE CLUSTER		
Customer Service group		
AURS252290A	2	Process customer complaints
Equipment Operation group		
TDTC197B	2	Drive vehicle
Sales group		
AURS241608A	2	Carry out cash and/or credit/funds transfer transactions
VEHICLE BODY CLUSTER		
Assessment/Quotations group		
AURV365356A	3	Read and interpret vehicle body repair estimation/quotation
AURV465116A	4	Determine vehicle body damage and recommend repair procedures
AURV465230A	4	Inspect paint, trim and accessories and ascertain recommended repair procedures
Accessories group		
AURV232165A	2	Remove, replace, fit and test components/accessories
Body Repair group		
AURV225908A	2	Carry out panel repairs
AURV226108A	2	Carry out pre-repair operations (vehicle body)
AURV226864A	2	Remove, replace and realign bolt-on panels, sections and fittings
AURV226965A	2	Remove and replace/fit protector mouldings, transfers and decals
AURV227064A	2	Remove and replace mechanical units/assemblies
AURV324431A	3	Install vehicle sunroofs
AURV325808A	3	Carry out paint-less dent repairs
AURV326266AA	3	Repair body panels (beating and split repair)
AURV326266BA	3	Repair body panels (metal finishing)
AURV326266CA	3	Repair body panels (incorporating filler)
AURV326266DA	3	Repair body panels/components (thermo plastic)
AURV326366AA	3	Repair/replace structural damage (welding)
AURV326366BA	3	Repair/replace structural damage (riveting)

Vehicle Body Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURV326367A	3	Replace major welded panels
AURV326466A	3	Repair body components using lead wiping
AURV326508A	3	Repair vehicle body misalignment
AURV326708A	3	Carry out major sectional repair
AURV326964A	3	Remove and replace adhesive bonded panels and structures
AURV327164A	3	Remove and replace supplementary restraint systems (SRS)
AURV327231A	3	Install vehicle body component seals
AURV327366A	3	Repair corroded panels and components
AURV327466AA	3	Repair aluminium body panels (finishing)
AURV327466BA	3	Repair aluminium body panels (filling)
Fabrication group		
AURV224508A	2	Carry out fabrication of components
AURV324708A	3	Carry out wood working operations for fabrication
AURV324766A	3	Repair plugs, moulds, frames and flooring using wood materials
AURV324823A	3	Fabricate composite material components
AURV324866A	3	Repair fibreglass/composite material components
Frame Repairs group		
AURV328166A	3	Repair and align motorcycle frames
AURV328366A	3	Repair chassis/frame and associated components
Glass/Windcreens/Tinting group		
AURV233163A	2	Remove and install rear vision mirrors
AURV233166A	2	Repair laminated glass
AURV233363A	2	Remove and install rubber glazed windcreens
AURV233463A	2	Remove and install butyl sealed windcreens
AURV233563A	2	Remove and install direct glazed windcreens
AURV233663A	2	Remove and install framed type windcreens
AURV233849A	2	Prepare surfaces and apply window tinting
AURV333763A	3	Remove and install fixed body glass
AURV333863A	3	Remove and install movable body glass
AURV333215A	3	Cut and process flat laminated glass
AURV334031A	3	Install side windows
AURV334163A	3	Remove and install rubber and urethane (heavy vehicle) glazed windcreens
AURV334263A	3	Remove and install “large” vehicle windcreens
CHCPRMCL09A	2	Wash and squeegee glass surfaces to remove all visible dirt and grime
LMFGG2005A	2	Move glass sheets by hand
LMFGG3002A	3	Assess glass and glazing requirements
LMFGG3001A	3	Store and handle glass
Paint/Refinish group		
AURV229503A	2	Apply paint removal methods
AURV229603AA	2	Apply acrylic lacquer refinishing materials
AURV229608A	2	Carry out masking procedures
AURV229749A	2	Prepare spray painting materials and equipment
AURV229803AA	2	Apply fundamental colour matching techniques
AURV230203A	2	Apply rust prevention and sound deadening materials
AURV230349A	2	Prepare vehicle components for paint repairs
AURV230449A	2	Apply paint touch-up techniques

Vehicle Body Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURV232108A	2	Carry out custom graphics design and layout techniques
AURV232208A	2	Carry out fundamental airbrush application techniques
AURV329549A	3	Prepare spray booth and paint drying equipment
AURV329603BA	3	Apply solid acrylic enamel refinishing materials (two component system)
AURV329603CA	3	Apply clear over base refinishing materials (two component system)
AURV329603DA	3	Apply air dry and polyurethane enamel refinishing materials
AURV329603EA	3	Apply clear over base multi layer/pearl refinishing materials
AURV329603FA	3	Apply water based refinishing materials
AURV329649A	3	Prepare substrate for refinishing
AURV329803BA	3	Apply multi layer/clear over base colour matching techniques
AURV329803CA	3	Apply solid colour matching techniques
AURV329903AA	3	Carry out paint rectification and touch up work for solids (two component system)
AURV329903BA	3	Carry out paint rectification and touch up work for clear over base (two component system)
AURV329903CA	3	Carry out paint rectification and touch up work for multi layer/pearl (two component system)
AURV330149A	3	Prepare and paint plastic components
AURV330508A	3	Carry out denibbing, buffing and polishing
AURV332308A	3	Carry out custom painting techniques
Trimming group		
AURV230608A	2	Carry out sewing repairs and alterations
AURV230708A	2	Carry out trim repairs and alterations
AURV230864A	2	Remove and replace vehicle interior trim components
AURV231208A	2	Carry out trimming of vehicle components
AURV231268A	2	Select and apply trim/fabric materials and determine attachment methods
AURV231368A	2	Select and apply trim/fabric adhesives
AURV330964A	3	Remove and replace vehicle head lining
AURV331066A	3	Repair seat frames
AURV331108A	3	Carry out sewing operations
AURV331423AA	3	Fabricate and install loose and fitted covers
AURV331423BA	3	Fabricate and install marine covers
AURV331423CA	3	Fabricate and install canvas products
AURV331423DA	3	Fabricate and install frame structures
AURV331423EA	3	Fabricate and install floor coverings
AURV331423FA	3	Fabricate and install hoods (soft tops)
AURV331423GA	3	Fabricate and install canopies and curtains
Vehicle Presentation group		
AURV231649A	2	Prepare vehicle/component/equipment for customer use
AURV231786AA	2	Wash/clean vehicle body and door cavities
AURV231786BA	2	Wash/clean vehicle engine and engine compartment
AURV231786CA	2	Wash/clean vehicle underbody
AURV231809AA	2	Clean and finish plastic trim and fittings
AURV231809BA	2	Clean and finish vehicle interior trim and seats
AURV231809CA	2	Clean and polish vehicle exterior paint
AURV231964A	2	Remove and replace seats and internal fittings

Vehicle Body Inventory cont/d

<i>Unit Number</i>	<i>Level</i>	<i>Title</i>
AURV331987A	3	Restore vehicle exterior paint
Vehicle Salvage group		
AURV228603A	2	Apply legal requirements for vehicle dismantlers
AURV228617A	2	Disassemble and test vehicle units/components
AURV228662A	2	Remove salvageable components
AURV328916A	3	Determine vehicle rescue method and ascertain cost
AURV328961A	3	Recover vehicle
Welding group		
AURV223608A	2	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures
AURV223808A	2	Carry out soft soldering techniques
AURV281108A	2	Carry out manual metal arc welding procedures
AURV281208A	2	Carry out brazing procedures
AURV281308A	2	Carry out gas metal arc (MIG) welding procedures
AURV281408A	2	Carry out gas tungsten arc (TIG) welding procedures
AURV281508A	2	Carry out spot welding procedures
AURV323908A	3	Carry out thermoplastic welding procedures
MEM5050B	2	Perform routine gas metal arc welding
MEM05004C	2	Perform routine oxy acetylene welding
MEM05003B	2	Perform soft soldering
MEM05007C	2	Perform manual heating and thermal cutting
MEM05017C	2	Weld using gas metal arc welding process

Table 6 Status of units of competency from the Automotive HSC courses for Certificate I in Automotive; Certificates II in Automotive Electrical Technology, Automotive Vehicle Servicing, Automotive Mechanical, Outdoor Power Equipment, Automotive Vehicle Body and Automotive Sales

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
<i>Qualification packaging rules</i>				SS – specialisation study SBT – units for school-based trainees only	7 units at level 1 or 2 – max 4 at 2 ▪ 2 compulsory ▪ 5 inventory	13 units at level 2 or 3 – max 2 at 3 ▪ 3 compulsory ▪ 7 inventory ▪ 3 inventory and/or other	20 units at level 2 or 3 – max 2 at 3 ▪ 2 compulsory ▪ 15 inventory ▪ 3 inventory and/or other	13 units at level 2 or 3 – max 2 at 3 ▪ 2 compulsory ▪ 8 inventory ▪ 3 inventory and/or other	15 units at level 2 or 3 – max 2 at 3 ▪ 2 compulsory ▪ 10 inventory ▪ 3 inventory and/or other	13 units at level 2 or 3 – max 2 at 3 ▪ 2 compulsory ▪ 8 inventory ▪ 3 inventory and/or other	18 units at level 2 or 3 – max 2 at 3 ▪ 7 compulsory ▪ 8 inventory ▪ 3 inventory and/or other
N/A	N/A	Automotive industry induction	15	mandatory (240) elective (120)	–	–	–	–	–	–	–
N/A	N/A	Automotive systems and components	25	mandatory (240) elective (120)	–	–	–	–	–	–	–
AURC252103A	2	Apply basic automotive troubleshooting processes	20	mandatory (240) elective (120)	–	inventory	inventory	inventory	inventory	inventory	inventory
AURC270103A	2	Apply safe working practices	20	mandatory (120 & 240)	compulsory	compulsory	compulsory	compulsory	compulsory	compulsory	compulsory
AURC270789A	2	Communicate effectively in the workplace	10	mandatory (240) elective (120)	–	inventory	inventory	inventory	inventory	inventory	compulsory
AURE218670A	2	Service, maintain or replace batteries	5	mandatory (240) elective (120)	inventory	inventory	inventory	inventory	inventory	other	other
AURE218708A	2	Carry out repairs to single electrical circuits	25	mandatory (240) elective (120)	–	inventory	inventory	inventory	inventory	inventory	other
AURT270278A	2	Use and maintain workplace tools and equipment	25	mandatory (120 & 240)	inventory	inventory	inventory	inventory	inventory	inventory	inventory
AURC272003A	2	Apply environmental regulations and best practice in a workplace or business	10	mandatory ^Δ (120 & 240)	–	inventory	inventory	compulsory/ inventory	inventory	compulsory/ inventory	compulsory

^Δ only one of these units must be completed

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURT271781A	2	Implement and monitor environmental regulations in the automotive mechanical industry	10	mandatory ^Δ (120 & 240)	–	compulsory	compulsory	compulsory/ inventory	compulsory	compulsory/ inventory	other
AURV271403A	2	Apply environment regulations and best practice in the body repair industry	10	mandatory ^Δ (120 & 240)	–	other	other	other	other	compulsory/ inventory	other
AURC172003A	1	Identify environmental regulations and best practice in a workplace or business	0	elective (120 & 240)	compulsory	–	–	–	–	–	–
AURC251356A	2	Read in the workplace	5	elective (120, 240 & SS)	inventory	other	other	other	other	other	other
AURC251677A	2	Use numbers in the workplace	5	elective (120, 240 & SS)	inventory	other	other	other	other	other	inventory
AURC270688A	2	Work effectively with others	15	elective (120, 240 & SS)	inventory	inventory	inventory	inventory	inventory	inventory	compulsory
AURE100064A	1	Remove and tag automotive electrical system components	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURE118671A	1	Test, service and maintain battery storage systems	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURE224008A	2	Carry out soldering of electrical wiring/circuits	15	elective (120, 240 & SS)	–	compulsory	inventory	inventory	inventory	inventory	other
AURP201570A	2	Service engines and associated engine components (outdoor power equipment)	20	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURP245465A	2	Remove, fit and adjust line trimming system components	10	elective (120, 240 & SS)	inventory	inventory	inventory	inventory	inventory	other	other
AURP245571A	2	Service and repair faults in post boring systems	15	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other

^Δ only one of these units must be completed

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURS238127A	2	Identify and select automotive parts and products	40	elective (120, 240 & SS)	inventory	other	other	other	other	other	inventory
AURS238150A	2	Present stock and sales area	10	elective (120, 240 & SS)	–	other	other	other	other	other	inventory
AURS241769A	2	Sell product(s)	15	elective (120, 240 & SS)	–	other	other	other	other	other	compulsory
AURS241803A	2	Apply legal requirements relating to product sales	15	elective (120, 240 & SS)	–	other	other	other	other	other	inventory
AURT100064A	1	Remove and tag engine system components	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURT100164A	1	Remove and tag steering, suspension and brake system components	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURT100264A	1	Remove and tag transmission system components	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURT100308A	1	Carry out workshop practice activities	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURT125667A	1	Use and maintain basic measuring devices	10	elective (120 & 240)	inventory	–	–	–	–	–	–
AURT200368A	2	Select and use bearings, seals, gaskets, sealants and adhesives	15	elective (120, 240 & SS)	inventory	inventory	inventory	inventory	inventory	other	other
AURT201170A	2	Inspect and service engines	25	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT202170A	2	Inspect and service cooling systems	10	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT212670A	2	Service final drive assemblies	10	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT213170A	2	Service final drive (driveline)	10	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURT217606A	2	Balance wheels and tyres	10	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT217665A	2	Remove, fit and inspect wheel assemblies	15	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURV223808A	2	Carry out soft soldering techniques	15	elective (120, 240 & SS)	inventory	inventory	inventory	inventory	inventory	inventory	other
AURT225667A	2	Use and maintain measuring equipment	15	elective (120, 240 & SS)	–	inventory	inventory	inventory	inventory	inventory	inventory
AURV100064A	1	Remove and tag vehicle body system components	15	elective (120 & 240)	inventory	–	–	–	–	–	–
AURV225908A	2	Carry out panel repairs	25	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV226108A	2	Carry out pre-repair operations (vehicle body)	20	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV226965A	2	Remove and replace/fit protector mouldings, transfers and decals	10	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV229608A	2	Carry out masking procedures	10	elective (120, 240 & SS)	inventory	other	other	other	other	inventory	other
AURV230203A	2	Apply rust prevention and sound deadening materials	15	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV230349A	2	Prepare vehicle components for paint repairs	20	elective (120, 240 & SS)	inventory	other	other	other	other	inventory	other
AURV230449A	2	Apply paint touch-up techniques	20	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV230864A	2	Remove and replace vehicle interior trim components	15	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV231268A	2	Select and apply trim/fabric materials and determine attachment methods	20	elective (120, 240 & SS)	–	other	other	other	other	inventory	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURV231649A	2	Prepare vehicle/component/equipment for customer use	15	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV231786AA	2	Wash/clean vehicle body and door cavities	5	elective (120, 240 & SS)	inventory	other	other	other	other	inventory	other
AURV231786BA	2	Wash/clean vehicle engine and engine compartment	5	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV231786CA	2	Wash/clean vehicle underbody	5	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV231809AA	2	Clean and finish plastic trim and fittings	5	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV231809BA	2	Clean and finish vehicle interior trim and seats	10	elective (120, 240 & SS)	inventory	other	other	other	other	inventory	other
AURV231809CA	2	Clean and polish vehicle exterior paint	5	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV232108A	2	Carry out custom graphics design and layout techniques	25	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV232208A	2	Carry out fundamental airbrush application techniques	20	elective (120, 240 & SS)	–	other	other	other	other	Inventory	other
AURV331108A	3	Carry out sewing operations	30	elective (120, 240 & SS)	–	other	other	other	other	inventory	other
AURV332308A	3	Carry out custom painting techniques	30	elective (120, 240 & SS)	–	other	other	other	other	Inventory	other
BSBCM103A	1	Apply basic communication skills	0	elective (120 & 240)	inventory	–	–	–	–	–	–
BSBCM205A	2	Use business technology	20	elective (120, 240 & SS)	–	other	other	other	other	other	inventory
BSBCM208A	2	Deliver a service to customers	15	elective (120, 240 & SS)	–	other	other	other	other	other	compulsory
BSBCM209A	2	Provide information to clients	15	elective (120, 240 & SS)	–	other	other	other	other	other	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
TDTA1197B	2	Package goods	10	elective (120, 240 & SS)	–	other	other	other	other	other	inventory
WRRCA1B	2	Operate retail equipment	20	elective (120, 240 & SS)	–	other	other	other	other	other	inventory
AURC270421A	2	Establish relations with customers	10	SBT elective (240 & SS)	–	other	other	other	other	other	compulsory
AURE218664A	2	Remove and replace electrical/electronic units/assemblies	20	SBT elective (240 & SS)	inventory	inventory	inventory	inventory	inventory	inventory	other
AURE218676A	2	Test, service and charge batteries	10	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	inventory	other
AURE220140A	2	Manufacture and repair wiring harness/looms	25	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	inventory	other
AURP245171A	2	Service and repair faults in rotary cutting systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURP245271A	2	Service and repair faults in drum cutting systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURP245371A	2	Service and repair chainsaw cutting systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURP245771A	2	Service and repair faults in reciprocating cutting systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURP247670A	2	Service pumping systems	10	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURR213631A	2	Install inboard propeller drive systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURS239508A	2	Carry out warehousing procedures	20	SBT elective (240 & SS)	–	other	other	other	other	other	inventory
AURS241608A	2	Carry out cash and/or credit/funds transfer transactions	20	SBT elective (240 & SS)	–	other	other	other	other	inventory	inventory

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURS242621A	2	Promote products and services	20	SBT elective (240 & SS)	–	other	other	other	other	other	inventory
AURS252290A	2	Process customer complaints	15	SBT elective (240 & SS)	–	other	other	other	other	inventory	inventory
AURT200108A	2	Carry out servicing operations	15	SBT elective (240 & SS)	inventory	inventory	inventory	inventory	inventory	other	inventory
AURT203170B	2	Service petrol fuel systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT203670A	2	Service diesel fuel injection systems	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT204670A	2	Inspect and service emission control systems	10	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT205166A	2	Repair exhaust system components	10	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT206670A	2	Inspect and service transmissions (manual)	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT207170A	2	Inspect and service transmissions (automatic)	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT208170A	2	Service transmissions (hydrostatic)	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT210170A	2	Inspect and service braking systems	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT211170A	2	Inspect and service air braking systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT215170A	2	Inspect and service steering systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT216170A	2	Inspect and service suspension systems	15	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURTL317108A	2	Carry out wheel alignment operations	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURT306170A	3	Inspect, service and/or repair clutch assemblies and associated operating system components	25	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURT335108A	3	Carry out machining operations	30	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	other	other
AURV223608A	2	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	inventory	other
AURV226864A	2	Remove, replace and realign bolt on panels, sections and fittings	40	SBT elective (240 & SS)	inventory	other	other	other	other	inventory	other
AURV227064A	2	Remove and replace mechanical units/assemblies	15	SBT elective (240 & SS)	inventory	other	other	other	other	inventory	other
AURV229503A	2	Apply paint removal methods	20	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV229603AA	2	Apply acrylic lacquer refinishing materials	30	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV229749A	2	Prepare spray painting materials and equipment	30	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV229803AA	2	Apply fundamental colour matching techniques	30	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV230608A	2	Carry out sewing repairs and alterations	30	SBT elective (240 & SS)	inventory	other	other	other	other	inventory	other
AURV230708A	2	Carry out trim repairs and alterations	30	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV232165A	2	Remove, replace, fit and test components/accessories	15	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV281308A	2	Carry out gas metal arc (MIG) welding procedures	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	Inventory	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework	Certificate I in Automotive	Certificate II in Automotive Electrical Technology	Certificate II in Automotive Vehicle Servicing	Certificate II in Automotive Mechanical	Certificate II in Automotive Outdoor Power Equipment	Certificate II in Automotive Vehicle Body	Certificate II in Automotive Sales
AURV281508A	2	Carry out spot welding procedures	20	SBT elective (240 & SS)	–	inventory	inventory	inventory	inventory	inventory	other
AURV326266BA	3	Repair body panels (metal finishing)	35	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV326266CA	3	Repair body panels (incorporating filler)	35	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV329549A	3	Prepare spray booth and paint drying equipment	20	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
AURV329649A	3	Prepare substrate from refinishing	35	SBT elective (240 & SS)	–	other	other	other	other	inventory	other
WRR15A	3	Maintain and order stock	20	SBT elective (240 & SS)	–	other	other	other	other	other	inventory

16 Glossary

AQF	<p>Australian Qualifications Framework. The policy framework that defines all qualifications recognised nationally in post-compulsory education and training in Australia. The AQF comprises titles and guidelines that define each qualification, as well as the principles and protocols covering cross-sectoral qualification links and the issuing of qualifications and statements of attainment.</p>
AQTF	<p>The Australian Quality Training Framework (AQTF) is the national set of standards which assures nationally consistent, high-quality training and assessment services for the clients of Australia’s vocational education and training system. AQTF 2007 is the current version of the framework, effective from 1 July 2007.</p>
assessment guidelines	<p>An endorsed component of a Training Package which underpins assessment and which sets out the industry approach to valid, reliable, flexible and fair assessment.</p>
AVETMISS	<p>Australian Vocational Education and Training Management Information Statistical Standard.</p>
competency	<p>The broad concept of industry competency concerns the ability to perform particular tasks and duties to the standard of performance expected in the workplace. Competency requires the application of specified skills, knowledge and attitudes relevant to effective participation in an industry, industry sector or enterprise.</p>
competency standard	<p>Competency standards in Training Packages are determined by industry to meet identified industry skill needs. Competency standards are made up of a number of units of competency each of which describes a key function or role in a particular job function or occupation. Each unit of competency within a Training Package is linked to one or more AQF qualification.</p>
compulsory units of competency	<p>Units of competency required by the Training Package to be eligible for the AQF VET qualification.</p>
DEST	<p>Department of Education, Science and Training (Commonwealth).</p>
elements of competency	<p>The basic building blocks of a unit of competency which describe the key activities or elements of the work covered by the unit.</p>
examinable units of competency	<p>Units of competency that can be examined in the optional HSC examination.</p>
ICFIP	<p>Industry Curriculum Framework Information Package. A document produced by the school system authorities to provide schools with information on teacher qualifications and resource requirements that must be adhered to for the delivery of vocational courses. It also includes quality assurance checklists that must be completed each year to demonstrate compliance with the Australian Quality Training Framework.</p>

Industry Skills Councils (national)	<p>The Industry Skills Councils have two key roles:</p> <ul style="list-style-type: none">• providing accurate industry intelligence to the VET sector about current and future skill needs and training requirements; and• supporting the development, implementation and continuous improvement of quality nationally recognised training products and services, including Training Packages.
ITAB (state)	<p>Industry Training Advisory Body. Independent incorporated associations or companies that assist with the development of training.</p>
mandatory units of competency	<p>Units that must be studied for the Higher School Certificate.</p>
module	<p>Modules are non-Training Package sets of content for learning developed by the Board of Studies.</p>
national recognition	<p>National recognition is:</p> <ul style="list-style-type: none">• recognition by an RTO of the AQF qualifications and statements of attainment issued by all other RTOs, thereby enabling national recognition of the qualifications and statements of attainment issued to any person• recognition by each state and territory’s registering body of the training organisations registered by any other state or territory’s registering body and of its registration decisions• recognition by all state and territory course-accrediting bodies and registering bodies of the courses accredited by each state or territory’s course-accrediting body and of its accreditation decisions.
NTF	<p>National Training Framework.</p>
NTIS	<p>National Training Information Service. The national register for recording information about RTOs, Training Packages and accredited courses (www.ntis.gov.au).</p>
OHS	<p>Occupational Health and Safety.</p>
QRRRC	<p>Qualifications, Recognition and Resource Requirements Committee. The QRRRC:</p> <ul style="list-style-type: none">• determines the teacher qualifications and resource requirements for the delivery of VET courses in NSW schools• has responsibility for recognising teacher qualifications and recommending appropriate professional development for VET teachers• includes representatives from the school systems, industry, TAFE NSW and the Office of the Board of Studies.
qualification	<p>Formal certification in the VET sector by an RTO that a person has satisfied all requirements of the units of competency or modules that comprise an AQF qualification, as specified by:</p> <ul style="list-style-type: none">• a nationally endorsed Training Package, or• an accredited course that provides training for that qualification.

recognition of prior learning (RPL)	An assessment process that assesses an individual’s non-formal and informal learning to determine the extent to which that individual has achieved the required learning outcomes, competency outcomes, or standards for entry to, and/or partial or total completion of, a qualification.
RTO	Registered Training Organisation. A training organisation registered by a registering body in accordance with the AQTF, within a defined scope of registration. (Includes TAFE NSW, private providers and schools.)
scope of registration	The particular services and products an RTO is registered to provide. The RTO’s scope defines the specific AQF qualifications, units of competency and accredited courses it is registered to provide, and whether it is registered to provide: <ul style="list-style-type: none">• both training delivery and assessment services, and to issue the relevant AQF qualifications and statements of attainment, or• only assessment services, and to issue AQF qualifications and statements of attainment.
Statement of Attainment	Formal certification in the VET sector by an RTO under the AQF that a person has achieved: <ul style="list-style-type: none">• part of a qualification, or• one or more units of competency from a nationally endorsed Training Package, or• all the units of competency or modules comprising learning outcomes for an accredited course that does not meet the requirements for a qualification.
Training Package	A nationally endorsed, integrated set of competency standards, assessment guidelines and AQF qualifications for a specific industry, industry sector or enterprise.
training plan	A documented program of training and assessment required for an apprenticeship/traineeship training contract. It is developed by an RTO in consultation with the parties to the contract as the basis for training and assessing a person undertaking an apprenticeship or traineeship.
unit of competency	Specification of industry knowledge and skill and the application of that knowledge and skill to the standard of performance expected in the workplace.
VET	Vocational Education and Training.
VETAB	The Vocational Education and Training Accreditation Board.
VTO	Vocational Training Order.

17 Automotive Curriculum Framework School-based Apprenticeship Pathway

17.1 Automotive School-based Apprenticeship (240 indicative hours)

Purpose

The purpose of this course is to provide school-based apprentices with the opportunity to gain credit towards Certificate III qualifications within the automotive industry and unit credit towards their HSC.

Course eligibility

It is available to students who meet the following requirements:

participation in an approved school-based apprenticeship training contract in one of the following:

- Certificate III in Automotive Electrical Technology (AUR30308)
- Certificate III in Automotive Mechanical Technology (AUR30405)
- Certificate III in Marine (AUR30505)
- Certificate III in Outdoor Power Equipment (AUR30705)
- Certificate III in Automotive Vehicle Body (AUR30805)
- Certificate III in Automotive Sales (AUR31005).

Before offering the Automotive School-based Apprenticeship course, schools should ensure that the RTO undertaking delivery has the scope to deliver the relevant qualification and/or relevant units of competency.

Course structure

This course comprises 9 mandatory units of competency, 2 modules (the automotive industry induction and automotive systems and components) and 158 elective units of competency.

Details of the mandatory units of competency, including HSC requirements and advice, are included in Part B of the Syllabus.

Details of the elective units of competency listed in Table 7 are available in the Automotive Industry Retail, Service and Repair Training Package (AUR05) or at www.ntis.gov.au.

Section 15 outlines the qualification packaging rules for each qualification available through the Automotive Curriculum Framework. Table 8 (pp 110–122) lists the status of each unit of competency in relation to the qualifications. This section should guide the selection of units of competency to meet qualification requirements.

Automotive School-based Apprenticeship (240 indicative hours) course is accredited for a total of four units at the Preliminary and/or HSC level.

Course requirements

- Students must attempt:
 - **SEVEN** mandatory units of competency – according to the instructions in Table 7 below
 - **PLUS** the two modules automotive industry induction and automotive systems and components
 - **AND** units of competency from the elective pool in Table 7 to a minimum value of 85 indicative hours.
- Mandatory work placement hour requirements for this course are met through the on-the-job training component of the school-based apprenticeship.

An external written Higher School Certificate examination will be conducted for this course. This examination is optional. In the year they are to complete the course, students will specify whether or not they choose to undertake the external written examination (refer to Sections 11.2 and 11.3).

The units of competency for the optional HSC examination are listed in the HSC exam specifications in Section 11.3 of this document.

AQF VET qualifications

To receive AQF VET qualifications, students must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

Depending on the achievement of units of competency, the possible qualification outcome is:

- Statement of Attainment towards Certificate III in Automotive Electrical Technology (AUR30308)
- Statement of Attainment towards Certificate III in Automotive Mechanical Technology (AUR30405)
- Statement of Attainment towards Certificate III in Marine (AUR30505)
- Statement of Attainment towards Certificate III in Outdoor Power Equipment (AUR30705)
- Statement of Attainment towards Certificate III in Automotive Vehicle Body (AUR30805)
- Statement of Attainment towards Certificate III in Automotive Sales (AUR31005).

Qualification packaging rules are in the Automotive Industry Retail, Service and Repair Training Package (AUR05) or at www.ntis.gov.au.

Further information on assessment is in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

Table 7 Automotive School-based Apprenticeship (240 indicative hours)

MANDATORY			
Unit code	Unit title	Unit-specific prerequisite	HSC indicative hours of credit
Attempt the following units:			
N/A	Automotive industry induction	–	15
N/A	Automotive systems and components	–	25
AURC252103A	Apply basic automotive troubleshooting processes	Nil	20
AURC270103A	Apply safe working practices	Nil	20
AURC270789A	Communicate effectively in the workplace	Nil	10
AURE218670A	Service, maintain or replace batteries *	Nil	5
AURE218708A	Carry out repairs to single electrical circuits	Nil	25
AURT270278A	Use and maintain workplace tools and equipment	Nil	25
Plus ONE of the following units:			
AURC272003A	Apply environmental regulations and best practice in a workplace or business	Nil	10
AURT271781A	Implement and monitor environmental regulations in the automotive mechanical industry	Nil	10
AURV271403A	Apply environment regulations and best practice in the body repair industry	Nil	10
Total mandatory hours			155

* For HSC course purposes AURE218676A *Test, service and charge batteries* may be substituted for AURE218670A *Service, maintain or replace batteries* provided the RTO ensures all examinable aspects of the original unit of competency are covered as outlined in Section 11.3 of this document and the unit itself in Part B of the Syllabus.

Table 7 cont/d

ELECTIVE POOL Attempt units of competency to a minimum value of 85 indicative hours			
Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
Bicycle			
AURB211304A	Assemble bicycles	Nil	10
AURB212170A	Service bicycle mechanical braking systems	Nil	10
AURB212370A	Service bicycle hydraulic braking systems	Nil	10
AURB214670A	Service bicycle drivetrain systems	Nil	10
AURB215671A	Service and repair bicycle steering systems	Nil	10
AURB216671A	Service and repair bicycle suspension systems	Nil	10
AURB218168A	Remove, repair and fit bicycle tyres	Nil	10
AURB218265A	Remove/refit and adjust bicycle wheels	Nil	5
AURB218266A	Repair bicycle wheels	Nil	5
AURB218271A	Service and repair bicycle wheel hubs	Nil	5
AURB228270A	Service bicycle frames	Nil	10
AURB232265A	Remove, replace, fit and adjust bicycle accessories	Nil	10
AURB254380A	Operate in a retail bicycle environment	Nil	10
AURB312166A	Repair bicycle mechanical braking systems	Nil	10
AURB312366A	Repair bicycle hydraulic braking systems	Nil	10
AURB314666A	Repair bicycle drivetrain systems	Nil	10
AURB315645A	Overhaul bicycle steering systems	Nil	10
AURB316645A	Overhaul bicycle suspension systems	Nil	10
AURB328266A	Repair bicycle frames	Nil	10
Common			
AURC251356A	Read in the workplace	Nil	5
AURC251677A	Use numbers in the workplace	Nil	5
AURC252327A	Identify, clarify and resolve problems	Nil	15
AURC261314A	Contribute to quality work outcomes	Nil	15
AURC270421A	Establish relations with customers	Nil	10
AURC270688A	Work effectively with others	Nil	15
AURC270889A	Communicate business information	Nil	15
Electrical			
AURE218664A	Remove and replace electrical/electronic units/assemblies	Nil	20
AURE218676A	Test, service and charge batteries	Nil	10
AURE218764A	Remove, refit and test electrical componentry for normal operation following body repair activities	Nil	20
AURE219331A	Install, test and repair low voltage wiring/lighting systems	Nil	30

Table 7 cont/d

Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
AURE219431A	Install, test and repair electrical security systems/components	Nil	30
AURE219531A	Install ancillary electrical components	Nil	30
AURE220140A	Manufacture and repair wiring harness/looms	Nil	25
AURE222876A	Test, service and repair powered shears	Nil	10
AURE222976A	Test and service outdoor powered equipment	Nil	20
AURE224008A	Carry out soldering of electrical wiring/circuits	Nil	15
Outdoor Power Equipment			
AURP201570A	Service engines and associated engine components (outdoor power equipment)	Nil	20
AURP245171A	Service and repair faults in rotary cutting systems	Nil	15
AURP245271A	Service and repair faults in drum cutting systems	Nil	15
AURP245371A	Service and repair chainsaw cutting systems	Nil	15
AURP245465A	Remove, fit and adjust line trimming system components	Nil	10
AURP245571A	Service and repair faults in post boring systems	Nil	15
AURP245671A	Service and repair faults in post-hole digging systems	Nil	15
AURP245771A	Service and repair faults in reciprocating cutting systems	Nil	15
AURP247670A	Service pumping systems	Nil	10
Recreational Boating			
AURR207670A	Service marine transmissions (outboard and stern drive)	Nil	20
AURR207770A	Service marine transmissions (inboard)	Nil	15
AURR213631A	Install inboard propeller drive systems	Nil	15
AURR214170A	Service jet drive propulsion systems	Nil	20
AURR246870A	Service deck, hull, and deck and cabin equipment and fittings	Nil	20
AURR271103A	Apply environmental regulations in the marine service industry	Nil	5
AURR313670A	Service inboard propeller drive systems	Nil	10
AURR346335A	Launch and recover vessel from trailer	Nil	10
AURR346519A	Inspect, drive and manoeuvre motor driven vessel	Nil	10

Table 7 cont/d

Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
Sales			
AURS238127A	Identify and select automotive parts and products	Nil	40
AURS238150A	Present stock and sales area	Nil	10
AURS238154A	Provide information to customers on automotive refinishing products	Nil	20
AURS239508A	Carry out warehousing procedures	Nil	20
AURS241303A	Apply sales procedures	Nil	20
AURS241608A	Carry out cash and/or credit/funds transfer transactions	Nil	20
AURS241769A	Sell product(s)	Nil	15
AURS241803A	Apply legal requirements relating to product sales	Nil	15
AURS242621A	Promote products and services	Nil	20
AURS252290A	Process customer complaints	Nil	15
Technical			
AURT200108A	Carry out servicing operations	Nil	15
AURT200368A	Select and use bearings, seals, gaskets, sealants and adhesives	Nil	15
AURT201164A	Remove and install engine assemblies	Nil	20
AURT201170A	Inspect and service engines	Nil	25
AURT202166A	Repair cooling systems	Nil	20
AURT202170A	Inspect and service cooling systems	Nil	10
AURT202608A	Carry out radiator repairs	Nil	20
AURT203170B	Service petrol fuel systems	Nil	15
AURT203670A	Service diesel fuel injection systems	Nil	20
AURT204670A	Inspect and service emission control systems	Nil	10
AURT205123A	Fabricate exhaust system components	Nil	30
AURT205166A	Repair exhaust system components	Nil	10
AURT206670A	Inspect and service transmissions (manual)	Nil	15
AURT207170A	Inspect and service transmissions (automatic)	Nil	15
AURT208170A	Service transmissions (hydrostatic)	Nil	15
AURT209170A	Service hydraulic systems	Nil	20
AURT209671A	Inspect, service and repair pneumatic systems	Nil	20
AURT210170A	Inspect and service braking systems	Nil	20
AURT210736A	Machine brake drums and brake disc rotors	Nil	15
AURT211170A	Inspect and service air braking systems	Nil	15
AURT212670A	Service final drive assemblies	Nil	10
AURT213165A	Remove and refit driveline components	Nil	10

Table 7 cont/d

Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
AURT213170A	Service final drive (driveline)	Nil	10
AURT215130A	Inspect steering systems	Nil	15
AURT215170A	Insect and service steering systems	Nil	15
AURT216170A	Inspect and service suspension systems	Nil	15
AURT217606A	Balance wheels and tyres	Nil	10
AURT217665A	Remove, fit and inspect wheel assemblies	Nil	15
AURT217668A	Select tyres and rims for specific applications (light)	Nil	15
AURT217766A	Remove, inspect, repair and fit tyres and tubes (light)	Nil	15
AURT217865A	Remove and refit wheel hubs and associated brake components	Nil	15
AURT217966A	Remove, inspect, repair and fit tyres and tubes (heavy)	Nil	15
AURT222170A	Service air compressors and air lines	Nil	20
AURT225667A	Use and maintain measuring equipment	Nil	15
AURT226008A	Carry out pre-repair operations (mechanical)	Nil	15
AURT237271A	Service and repair trailer(s)	Nil	15
AURT306170A	Inspect, service and/or repair clutch assemblies and associated operating system components	Nil	25
AURTL316166A	Repair suspension systems (light vehicle)	Nil	25
AURTL317108A	Carry out wheel alignment operations	Nil	20
AURT335108A	Carry out machining operations	Nil	30
Vehicle Body			
AURV223608A	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	Nil	20
AURV223808A	Carry out soft soldering techniques	Nil	15
AURV225908A	Carry out panel repairs	Nil	25
AURV226108A	Carry out pre-repair operations (vehicle body)	Nil	20
AURV226864A	Remove, replace and realign bolt-on panels, sections and fittings	Nil	40
AURV226965A	Remove and replace/fit protector mouldings, transfers and decals	Nil	10
AURV227064A	Remove and replace mechanical units/assemblies	Nil	15
AURV228662A	Remove salvageable components	Nil	30
AURV229503A	Apply paint removal methods	Nil	20
AURV229603AA	Apply acrylic lacquer refinishing materials	Nil	30
AURV229608A	Carry out masking procedures	Nil	10

Table 7 cont/d

Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
AURV229749A	Prepare spray painting materials and equipment	Nil	30
AURV229803AA	Apply fundamental colour matching techniques	Nil	30
AURV230203A	Apply rust prevention and sound deadening materials	Nil	15
AURV230349A	Prepare vehicle components for paint repairs	Nil	20
AURV230449A	Apply paint touch-up techniques	Nil	20
AURV230608A	Carry out sewing repairs and alterations	Nil	30
AURV230708A	Carry out trim repairs and alterations	Nil	30
AURV230864A	Remove and replace vehicle interior trim components	Nil	15
AURV231208A	Carry out trimming of vehicle components	Nil	40
AURV231268A	Select and apply trim/fabric materials and determine attachment methods	Nil	20
AURV231368A	Select and apply trim/fabric adhesives	Nil	10
AURV231649A	Prepare vehicle/component/equipment for customer use	Nil	15
AURV231786AA	Wash/clean vehicle body and door cavities	Nil	5
AURV231786BA	Wash/clean vehicle engine and engine compartment	Nil	5
AURV231786CA	Wash/clean vehicle underbody	Nil	5
AURV231809AA	Clean and finish plastic trim and fittings	Nil	5
AURV231809BA	Clean and finish vehicle interior trim and seats	Nil	10
AURV231809CA	Clean and polish vehicle exterior paint	Nil	5
AURV231964A	Remove and replace seats and internal fittings	Nil	5
AURV232108A	Carry out custom graphics design and layout techniques	Nil	25
AURV232165A	Remove, replace, fit and test components/accessories	Nil	15
AURV232208A	Carry out fundamental airbrush application techniques	Nil	20
AURV281308A	Carry out gas metal arc (MIG) welding procedures	Nil	20
AURV233163A	Remove and install rear vision mirrors	Nil	5
AURV233363A	Remove and install rubber glazed windscreens	Nil	20
AURV233463A	Remove and install butyl sealed windscreens	Nil	20
AURV233563A	Remove and install direct glazed windscreens	Nil	20

Table 7 cont/d

Unit code	Unit title	Unit specific prerequisite	HSC indicative hours of credit
AURV233663A	Remove and install framed type windscreens	Nil	20
AURV281108A	Carry out manual metal arc welding procedures	Nil	20
AURV281408A	Carry out gas tungsten arc (TIG) welding procedures	Nil	25
AURV281508A	Carry out spot welding procedures	Nil	20
AURV326266BA	Repair body panels (metal finishing)	Nil	35
AURV326266CA	Repair body panels (incorporating filler)	Nil	35
AURV329549A	Prepare spray booth and paint drying equipment	Nil	20
AURV329649A	Prepare substrate from refinishing	Nil	35
AURV331108A	Carry out sewing operations	Nil	30
AURV332308A	Carry out custom painting techniques	Nil	30
AURV333763A	Remove and install fixed body glass	Nil	15
AURV333863A	Remove and install movable body glass	Nil	15
Business services			
BSBCM205A	Use business technology	Nil	20
BSBCM208A	Deliver a service to customers	Nil	15
BSBCM209A	Provide information to clients	Nil	15
BSBSLS301A	Develop product knowledge	Nil	15
Plastics, rubber and cablemaking			
PMBHAN204B	Package goods/materials	Nil	10
Transport and distribution			
TDTA1197B	Package goods	Nil	10
TDTA1297B	Pick and process orders	Nil	10
TDTA1397B	Receive goods	Nil	10
TDTA2097B	Replenish stock	Nil	10
TDTD197B	Shift materials safely using manual handling methods	Nil	10
Retail			
WRRCA1B	Operate retail equipment	Nil	20
WRRCS2B	Apply point of sale handling procedures	Nil	20
WRR11B	Perform stock control procedures	Nil	20
WRR15A	Maintain and order stock	Nil	20

17.2 Automotive School-based Apprenticeship Specialisation (60 or 120 indicative hours)

Purpose

The purpose of this course is to provide school-based apprentices with the opportunity to gain further credit towards Certificate III qualifications within the automotive industry and unit credit towards their HSC.

Course eligibility

It is available to students who meet the following requirements:

participation in an approved school-based apprenticeship training contract in one of the following:

- Certificate III in Automotive Electrical Technology (AUR30308)
- Certificate III in Automotive Mechanical Technology (AUR30405)
- Certificate III in Marine (AUR30505)
- Certificate III in Outdoor Power Equipment (AUR30705)
- Certificate III in Automotive Vehicle Body (AUR30805)
- Certificate III in Automotive Sales (AUR31005).

and

are currently enrolled in, or have completed, the Automotive School-based Apprenticeship (240 indicative hours).

The maximum number of Preliminary and/or HSC units available from the school-based apprenticeship pathway of this Framework is six units. That is, courses can total up to 360 hours. In addition to courses within the Framework students may undertake locally designed Board Endorsed VET courses drawing from the Automotive Industry Retail, Service and Repair Training Package (AUR05). Such courses may provide additional HSC credit for students.

Before offering the Automotive School-based Apprenticeship Specialisation course, schools should ensure that the RTO undertaking delivery has the scope to deliver the relevant qualification and/or relevant units of competency.

Course structure

The Automotive School-based Apprenticeship Specialisation comprises units of competency drawn from the Automotive School-based Apprenticeship (240 indicative hours) course (listed in Table 7) not previously attempted by students.

Details of the elective units of competency listed in Table 7 are available in the Automotive Industry Retail, Service and Repair Training Package (AUR05) at www.ntis.gov.au.

Section 15 outlines the qualification packaging rules for each qualification available through the Automotive Curriculum Framework. Table 8 (pp 110–122) lists the status of each unit of competency in relation to the qualifications. This section should guide the selection of units of competency to meet qualification requirements.

The Automotive School-based Apprenticeship Specialisation (60 indicative hours) course is accredited for one unit at the Preliminary or HSC level. The Automotive School-based Apprenticeship Specialisation (120 indicative hours) course is accredited for a total of two units at the Preliminary and/or HSC level.

Course requirements

Students may only undertake an Automotive School-based Apprenticeship Specialisation if they are currently enrolled in, or have completed, the Automotive School-based Apprenticeship (240 indicative hours) course.

Automotive School-based Apprenticeship Specialisation (60 indicative hours) course:

- Units of competency should be selected to a minimum of 60 indicative hours.
- Mandatory work placement hour requirements for this course are met through the on-the-job training component of the school-based apprenticeship.

Automotive School-based Apprenticeship Specialisation (120 indicative hours) course:

- Units of competency should be selected to a minimum of 120 indicative hours.
- Mandatory work placement hour requirements for this course are met through the on-the-job training component of the school-based apprenticeship.

AQF VET qualifications

To receive AQF VET qualifications, students must meet the assessment requirements of the Automotive Industry Retail, Service and Repair Training Package (AUR05). A qualified assessor must conduct the assessment.

Depending on the achievement of units of competency, the possible qualification outcome is:

- Statement of Attainment towards Certificate III in Automotive Electrical Technology (AUR30308)
- Statement of Attainment towards Certificate III in Automotive Mechanical Technology (AUR30405)
- Statement of Attainment towards Certificate III in Marine (AUR30505)
- Statement of Attainment towards Certificate III in Outdoor Power Equipment (AUR30705)
- Statement of Attainment towards Certificate III in Automotive Vehicle Body (AUR30805)
- Statement of Attainment towards Certificate III in Automotive Sales (AUR31005).

Qualification packaging rules are in the Automotive Industry Retail, Service and Repair Training Package (AUR05) or at www.ntis.gov.au.

Further information on assessment is in Section 11 of this document and in the document *Assessment and Reporting in Automotive Stage 6*.

Table 8 Status of units of competency from the Automotive School-based Apprenticeship HSC courses for Certificates III in Automotive Electrical Technology; Automotive Mechanical Technology; Marine; Outdoor Power Equipment; Automotive Vehicle Body and Automotive Sales.

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
<i>Qualification packaging rules</i>				S – specialisation SBA – course for school-based apprentices only	28 units at level 2, 3 or 4 – max 13 at 2 – max 2 at 4 ▪ 5 compulsory ▪ 17 inventory ▪ 6 inventory and/or other	36 units at level 2, 3 or 4 – max 20 at 2 – max 2 at 4 ▪ 3 compulsory ▪ 27 inventory ▪ 6 inventory and/or other	36 units at level 2, 3 or 4 – max 18 at 2 – max 2 at 4 ▪ 3 compulsory ▪ 27 inventory ▪ 6 inventory and/or other	36 units at level 2, 3 or 4 – max 15 at 2 – max 2 at 4 ▪ 3 compulsory ▪ 27 inventory ▪ 6 inventory and/or other	28 units at level 2, 3 or 4 – max 13 at 2 – max 2 at 4 ▪ 2 compulsory ▪ 20 inventory ▪ 6 inventory and/or other	36 units at level 2, 3 or 4 – max 18 at 2 – max 2 at 4 ▪ 7 compulsory ▪ 18 inventory ▪ 3 inventory and/or other
N/A	N/A	Automotive industry induction	15	mandatory (SBA 240)	–	–	–	–	–	–
N/A	N/A	Automotive systems and components	25	mandatory (SBA 240)	–	–	–	–	–	–
AURC252103A	2	Apply basic automotive troubleshooting processes	20	mandatory (SBA 240)	inventory	inventory	inventory	inventory	inventory	inventory
AURC270103A	2	Apply safe working practices	20	mandatory (SBA 240)	compulsory	compulsory	compulsory	compulsory	compulsory	compulsory
AURC270789A	2	Communicate effectively in the workplace	10	mandatory (SBA 240)	inventory	inventory	inventory	inventory	inventory	compulsory
AURE218670A	2	Service, maintain or replace batteries	5	mandatory (SBA 240)	inventory	inventory	inventory	inventory	other	other
AURE218708A	2	Carry out repairs to single electrical circuits	25	mandatory (SBA 240)	inventory	inventory	inventory	inventory	inventory	other
AURT270278A	2	Use and maintain workplace tools and equipment	25	mandatory (SBA 240)	inventory	inventory	inventory	inventory	inventory	inventory
AURC272003A	2	Apply environmental regulations and best practice in a workplace or business	10	mandatory ^Δ (SBA 240)	inventory	inventory	inventory	inventory	compulsory/ inventory	compulsory

^Δ only one of these units must be completed

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURT271781A	2	Implement and monitor environmental regulations in the automotive mechanical industry	10	mandatory ^Δ (SBA 240)	compulsory	compulsory	inventory	compulsory	compulsory/ inventory	other
AURV271403A	2	Apply environment regulations and best practice in the body repair industry	10	mandatory ^Δ (SBA 240)	other	other	other	other	inventory	other
AURB212170A	2	Service bicycle mechanical braking systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB212370A	2	Service bicycle hydraulic braking systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB214670A	2	Service bicycle drivetrain systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB215671A	2	Service and repair bicycle steering systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB216671A	2	Service and repair bicycle suspension systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB218168A	2	Remove, repair and fit bicycle tyres	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB218265A	2	Remove/refit and adjust bicycle wheels	5	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB218266A	2	Repair bicycle wheels	5	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB218271A	2	Service and repair bicycle wheel hubs	5	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB228270A	2	Service bicycle frames	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB232265A	2	Remove, replace, fit and adjust bicycle accessories	10	elective (SBA 240 & S)	other	other	other	other	other	inventory

^Δ only one of these units must be completed

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURB254380A	2	Operate in a retail bicycle environment	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB312166A	3	Repair bicycle mechanical braking systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB312366A	3	Repair bicycle hydraulic braking systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB314666A	3	Repair bicycle drivetrain systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB315645A	3	Overhaul bicycle steering systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB316645A	3	Overhaul bicycle suspension systems	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB328266A	3	Repair bicycle frames	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURC251356A	2	Read in the workplace	5	elective (SBA 240 & S)	other	other	other	other	other	other
AURC251677A	2	Use numbers in the workplace	5	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURC252327A	2	Identify, clarify and resolve problems	15	elective (SBA 240 & S)	other	other	other	other	inventory	inventory
AURC261314A	2	Contribute to quality work outcomes	15	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURC270421A	2	Establish relations with customers	10	elective (SBA 240 & S)	other	other	other	other	other	compulsory
AURC270688A	2	Work effectively with others	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	compulsory
AURC270889A	2	Communicate business information	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	inventory
AURE218664A	2	Remove and replace electrical/electronic units/assemblies	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other

Automotive Curriculum Framework Stage 6 Syllabus – Part A

Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURE218676A	2	Test, service and charge batteries	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURE218764A	2	Remove, refit and test electrical componentry for normal operation following body repair activities	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURE219331A	2	Install, test and repair low voltage wiring/lighting systems	30	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURE219431A	2	Install, test and repair electrical security systems/components	30	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURE219531A	2	Install ancillary electrical components	30	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURE220140A	2	Manufacture and repair wiring harness/looms	25	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURE222876A	2	Test, service and repair powered shears	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURE222976A	2	Test and service outdoor powered equipment	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURE224008A	2	Carry out soldering of electrical wiring/circuits	15	elective (SBA 240 & S)	compulsory	inventory	inventory	inventory	inventory	other
AURP201570A	2	Service engines and associated engine components (outdoor power equipment)	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245171A	2	Service and repair faults in rotary cutting systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245271A	2	Service and repair faults in drum cutting systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245371A	2	Service and repair chainsaw cutting systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245465A	2	Remove, fit and adjust line trimming system components	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURP245571A	2	Service and repair faults in post boring systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245671A	2	Service and repair faults in post-hole digging systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP245771A	2	Service and repair faults in reciprocating cutting systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURP247670A	2	Service pumping systems	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR207670A	2	Service marine transmissions (outboard and stern drive)	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR207770A	2	Service marine transmissions (inboard)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR213631A	2	Install inboard propeller drive systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR214170A	2	Service jet drive propulsion systems	20	elective (SBA 240 & S)	inventory	inventory	Inventory	inventory	other	other
AURR246870A	2	Service deck, hull and cabin equipment and fittings	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR271103A	2	Apply environmental regulations in the marine service industry	5	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR313670A	3	Service inboard propeller drive systems	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR346335A	3	Launch and recover vessel from trailer	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURR346519A	3	Inspect, drive and manoeuvre motor driven vessel	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURS238127A	2	Identify and select automotive parts and products	40	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS238150A	2	Present stock and sales area	10	elective (SBA 240 & S)	other	other	other	other	other	inventory

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURS238154A	2	Provide information to customers on automotive refinishing products	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS239508A	2	Carry out warehousing procedures	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS241303A	2	Apply sales procedures	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS241608A	2	Carry out cash and/or credit/funds transfer transactions	20	elective (SBA 240 & S)	other	other	other	other	inventory	inventory
AURS241769A	2	Sell product(s)	15	elective (SBA 240 & S)	other	other	other	other	other	compulsory
AURS241803A	2	Apply legal requirements relating to product sales	15	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS242621A	2	Promote products and services	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURS252290A	2	Process customer complaints	15	elective (SBA 240 & S)	other	other	other	other	inventory	inventory
AURT200108A	2	Carry out servicing operations	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	inventory
AURT200368A	2	Select and use bearings, seals, gaskets, sealants and adhesives	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT201164A	2	Remove and install engine assemblies	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT201170A	2	Inspect and service engines	25	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT202166A	2	Repair cooling systems	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT202170A	2	Inspect and service cooling systems	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURT202608A	2	Carry out radiator repairs	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT203170B	2	Service petrol fuel systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT203670A	2	Service diesel fuel injection systems	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT204670A	2	Inspect and service emission control systems	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT205123A	2	Fabricate exhaust system components	30	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT205166A	2	Repair exhaust system components	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT206670A	2	Inspect and service transmissions (manual)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT207170A	2	Inspect and service transmissions (automatic)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT208170A	2	Service transmissions (hydrostatic)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT209170A	2	Service hydraulic systems	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT209671A	2	Inspect, service and repair pneumatic systems	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT210170A	2	Inspect and service braking systems	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT210736A	2	Machine brake drums and brake disc rotors	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT211170A	2	Inspect and service air braking systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT212670A	2	Service final drive assemblies	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURT213165A	2	Remove and refit driveline components	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT213170A	2	Service final drive (driveline)	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT215130A	2	Inspect steering systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT215170A	2	Inspect and service steering systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT216170A	2	Inspect and service suspension systems	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217606A	2	Balance wheels and tyres	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217665A	2	Remove, fit and inspect wheel assemblies	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217668A	2	Select tyres and rims for specific applications (light)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217766A	2	Remove, inspect, repair and fit tyres and tubes (light)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217865A	2	Remove and refit wheel hubs and associated brake components	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT217966A	2	Remove, inspect, repair and fit tyres and tubes (heavy)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT222170A	2	Service air compressors and air lines	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT225667A	2	Use and maintain measuring equipment	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	inventory
AURT226008A	2	Carry out pre-repair operations (mechanical)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURT237271A	2	Service and repair trailer(s)	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURT306170A	3	Inspect, service and/or repair clutch assemblies and associated operating system components	25	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURTL317108A	3	Carry out wheel alignment operations	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURTL316166A	3	Repair suspension systems (light vehicle)	25	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURV225908A	2	Carry out panel repairs	25	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV226108A	2	Carry out pre-repair operations (vehicle body)	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV226864A	2	Remove, replace and realign bolt on panels, sections and fittings	40	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV226965A	2	Remove and replace/fit protector mouldings, transfers and decals	10	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV227064A	2	Remove and replace mechanical units/assemblies	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV228662A	2	Remove salvageable components	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV229503A	2	Apply paint removal methods	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV229603AA	2	Apply acrylic lacquer refinishing materials	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV229608A	2	Carry out masking procedures	10	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV229749A	2	Prepare spray painting materials and equipment	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV229803AA	2	Apply fundamental colour matching techniques	30	elective (SBA 240 & S)	other	other	other	other	inventory	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURV230203A	2	Apply rust prevention and sound deadening materials	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV230349A	2	Prepare vehicle components for paint repairs	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV230449A	2	Apply paint touch-up techniques	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV230608A	2	Carry out sewing repairs and alterations	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV230708A	2	Carry out trim repairs and alterations	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV230864A	2	Remove and replace vehicle interior trim components	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231208A	2	Carry out trimming of vehicle components	40	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231268A	2	Select and apply trim/fabric materials and determine attachment methods	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231368A	2	Select and apply trim/fabric adhesives	10	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231649A	2	Prepare vehicle/component/equipment for customer use	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231786AA	2	Wash/clean vehicle body and door cavities	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231786BA	2	Wash/clean vehicle engine and engine compartment	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231786CA	2	Wash/clean vehicle underbody	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231809AA	2	Clean and finish plastic trim and fittings	5	elective (SBA 240 & S)	other	other	other	other	inventory	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURV231809BA	2	Clean and finish vehicle interior trim and seats	10	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231809CA	2	Clean and polish vehicle exterior paint	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV231964A	2	Remove and replace seats and internal fittings	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV232165A	2	Remove, replace, fit and test components/accessories	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV233163A	2	Remove and install rear vision mirrors	5	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV233363A	2	Remove and install rubber glazed windscreens	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV233463A	2	Remove and install butyl sealed windscreens	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV233563A	2	Remove and install direct glazed windscreens	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV233663A	2	Remove and install framed type windscreens	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV281108A	2	Carry out manual metal arc welding procedures	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV281408A	2	Carry out gas tungsten arc (TIG) welding procedures	25	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV281508A	2	Carry out spot welding procedures	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV326266BA	3	Repair body panels (metal finishing)	35	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV326266CA	3	Repair body panels (incorporating filler)	35	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV329549A	3	Prepare spray booth and paint drying equipment	20	elective (SBA 240 & S)	other	other	other	other	inventory	other

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
AURV329649A	3	Prepare substrate from refinishing	35	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV331108A	3	Carry out sewing operations	30	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV333763A	3	Remove and install fixed body glass	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV333863A	3	Remove and install movable body glass	15	elective (SBA 240 & S)	other	other	other	other	inventory	other
BSBCM205A	2	Use business technology	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
BSBCM208A	2	Deliver a service to customers	15	elective (SBA 240 & S)	other	other	other	other	other	compulsory
BSBCM209A	2	Provide information to clients	15	elective (SBA 240 & S)	other	other	other	other	other	other
BSBSLS301A	3	Develop product knowledge	15	elective (SBA 240 & S)	other	other	other	other	other	inventory
PMBHAN204B	2	Package goods/materials	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
TDTA1197B	2	Package goods	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
TDTA1297B	2	Pick and process orders	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
TDTA1397B	2	Receive goods	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
TDTA2097B	2	Replenish stock	10	elective (SBA 240 & S)	other	other	other	other	other	inventory
TDTD197B	2	Shift materials safely using manual handling methods	10	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
WRRCA1B	2	Operate retail equipment	20	elective (SBA 240 & S)	other	other	other	other	other	inventory

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Unit code	Level	Unit title	HSC hours	Automotive Curriculum Framework SBA Pathway	Certificate III in Automotive Electrical Technology	Certificate III in Automotive Mechanical Technology	Certificate III in Marine	Certificate III in Outdoor Power Equipment	Certificate III in Automotive Vehicle Body	Certificate III in Automotive Sales
WRRCS2B	2	Apply point of sale handling procedures	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
WRR11B	2	Perform stock control procedures	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
WRR15A	3	Maintain and order stock	20	elective (SBA 240 & S)	other	other	other	other	other	inventory
AURB211304A	2	Assemble bicycles	10	elective (SBA 240 & S)	other	other	other	other	other	other
AURT335108A	3	Carry out machining operations	30	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	other	other
AURV223608A	2	Carry out oxy acetylene welding, thermal cutting and thermal heating procedures	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV223808A	2	Carry out soft soldering techniques	15	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV232108A	2	Carry out custom graphics design and layout techniques	25	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV232208A	2	Carry out fundamental airbrush application techniques	20	elective (SBA 240 & S)	other	other	other	other	inventory	other
AURV281308A	2	Carry out gas metal arc (MIG) welding procedures	20	elective (SBA 240 & S)	inventory	inventory	inventory	inventory	inventory	other
AURV332308A	3	Carry out custom painting techniques	30	elective (SBA 240 & S)	other	other	other	other	inventory	other