



THIS COURSE IS NOT OFFERED FOR DELIVERY BY A SCHOOL

## Why study Automotive?

Automotive aims to provide students with the opportunity to gain a range of skills suitable for employment in the automotive industry and to provide pathways for further study. The course focuses on providing students with the knowledge and skills required to perform minor service and preparatory work in areas of the automotive industry.

### Working in the automotive industry involves:

- identifying, selecting, using and maintaining tools and equipment
- customer relations and communication skills
- locating, identifying and stating the basic function and operation of major systems and components in automotive vehicles. The systems and components include engines, petrol and diesel fuel, electrical, suspension and steering, exhaust and transmission and driveline

### Samples of occupations students can aim for in the automotive industry:

- ✓ perform servicing and maintenance of vehicles
- ✓ service and repair vehicle electrical components and systems
- ✓ minor maintenance and repair of an automotive vehicle body
- ✓ rectifying and disposing of components

**Depending on competencies chosen, full or part qualifications from the Automotive Industry Retail, Service and Repair Training Package (AUR12) are available. Your teacher or VET Coordinator will advise the competencies and qualifications that may be available.**

The qualifications available through the Automotive Curriculum Framework are:

- Certificate II in Automotive Vocational Preparation AUR20712\*
- Certificate II in Automotive Servicing Technology AUR20512\*
- Statement of attainment in partial completion of Certificate III in Automotive Electrical Technology AUR30312
- Statement of attainment in partial completion of Certificate III in Light Vehicle Mechanical Technology AUR30612

\* A statement of attainment in partial completion of qualification/s may also be available.

For more information on possible outcomes please refer to the Automotive Curriculum Framework syllabus that can be found by visiting the VET Curriculum Frameworks page of the Board of Studies NSW website:

[http://www.boardofstudies.nsw.edu.au/syllabus\\_hsc/automotive.html](http://www.boardofstudies.nsw.edu.au/syllabus_hsc/automotive.html)

# Automotive

## Industry Curriculum Framework

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### Course description

This course is based on units of competency, which have been developed by the automotive service and repair industry to describe the competencies, skills and knowledge required by workers in the industry.

<b>Mandatory Units</b>
<b>Safety</b>
AURASA2002 Apply safe working practices in an automotive workplace
<b>Sustainability</b>
AURAEA2002 Apply environmental and sustainability best practice in an automotive workplace
AURAEA3003 Monitor environmental and sustainability best practice in the automotive mechanical industry
<b>Troubleshooting and problem-solving</b>
AURAF2004 Solve routine problems in an automotive workplace
AURATA2001 Identify basic automotive faults using troubleshooting processes
<b>Working in the automotive industry and workplace</b>
AURAF2003 Communicate effectively in an automotive workplace
AURAMA2001 Work effectively with others
<b>STREAM</b>
<b>Mechanical Technology</b>
AURETR1003 Apply automotive electrical system fundamentals
AURETR2007 Demonstrate knowledge of automotive electrical circuit and vehicle wiring systems
AURLTA1001 Apply automotive mechanical system fundamentals
AURTE2004 Inspect and service engines
AURTTK2002 Use and maintain workplace tools and equipment
<b>Vehicle Body</b>
AURETR1003 Apply automotive electrical system fundamentals
AURTTK2002 Use and maintain workplace tools and equipment
AURVTN2003 Carry out pre-repair vehicle body operations
AURVTP2006 Prepare vehicle components for paint repairs

Work placement is a mandatory HSC requirement within this Framework - 70 hours for a 2 year course.

### Recognition of Prior Learning

If you have already completed all or part of a similar vocational course elsewhere, such as at TAFE, your previous studies and results will be recognised. You will not have to repeat that training and assessment. Additionally if through previous work or life experiences you have already developed high level skills in this course area, these may also be able to be recognised. Your teacher or VET Coordinator can provide more details of the recognition process.

**School-based traineeships and apprenticeships are available in this industry area, for more information: <http://www.sbatinns.w.edu.au>**