



**Sheffield  
College**  
Australia

RTO 40277 CRICOS 03034K



# CERTIFICATE III IN **LIGHT VEHICLE MECHANICAL TECHNOLOGY**

COURSE Code-AUR30620  
CRICOS Code-103619H

**2023**



## DESCRIPTION

This qualification covers the skills and knowledge required to perform a brand range of tasks on a variety of light vehicles in the automotive service and repair industry.

## ENTRY REQUIREMENTS

Successful completion of year 10 or equivalent level of studies; and you must be 18 years of age and possess an IELTS overall band score of 5.5 or equivalent. Students who do not meet the minimum IELTS requirement will be referred to accredited English Language Training provider to undertake an English language course prior to commencing the qualification.

## CAREER OPPORTUNITIES

The successful completion of this course prepares you, as a new employee or recognises and develops your skills as an existing employee, to perform mechanical work in the automotive light vehicle service and repair industry. Job roles related to this qualification include Light Vehicle Mechanical Technician or Motor mechanic.

## VOCATIONAL PLACEMENT

Students are required to undertake 384 hours of supervised work placement which provides an excellent opportunity to improve their practical skills and gain valuable industry exposure.

[www.sheffield.edu.au](http://www.sheffield.edu.au)

*\*Except December*

**A Premium Education Provider**

## PATHWAY

Students can start working in the industry after completing this course or can go on to undertake AUR40216 Certificate IV in Automotive Mechanical Diagnosis or other relevant qualifications.

## ASSESSMENTS

Students will be assessed by means of written assignments, oral or written examinations, case studies, presentation, work placement, application of knowledge to complete practical tasks and practical demonstration of skills, overall observation of student's performance and activities.

## QUALIFICATION

Students successfully completing the course will receive the Certificate III in Light Vehicle Mechanical Technology under AQF. Students who do not complete all the required units will be awarded a Statement of Attainment for the units successfully completed.

## SELECTION PROCESS

Students must meet all entry requirements as published on our website and provided in the offer letter. Students may be required to attempt an LLN test.

## FACILITIES AND STAFF

- State of the art Multimedia
- Highly qualified Trainers
- Computers and printing facility
- Well Equipped automotive workshop

## DELIVERY MODE

The course is delivered face-to-face in the class as well as in Sheffield's well equipped automotive workshop through lecturing, presentations, video and practical demonstrations. We may deliver part of the course via other means if face-to-face mode is not permitted.

## TIMETABLE

Students will be provided a training plan for the entire course at the time of orientation.

## SUPPORT SERVICES

A range of support services are provided by Sheffield College including but not limited to language, literacy and numeracy, disability, counselling, learning etc.

## RPL AND CREDITS

Recognition of Prior Learning or credits for successfully completed units of competency are provided. Students must apply for RPL or credits standing at the time of admission.

## FEE

Students are provided details of all applicable fee at the time of admission and in their offer letter. Our Fee Policy is also published on our website.

## UNITS OF COMPETENCY

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	Core
AURASA102	Follow safe working practices in an automotive workplace	Core
AURETRI12	Test and repair basic electrical circuits	Core
AURETRI23	Diagnose and repair spark ignition engine management systems	Core
AURETRI25	Test, charge and replace batteries and jump-start vehicles	Core
AURETRI29	Diagnose and repair charging systems	Core
AURETRI30	Diagnose and repair starting systems	Core
AURLTZI01	Diagnose and repair light vehicle emission control systems	Core
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems	Core
AURLTD104	Diagnose and repair light vehicle steering systems	Core
AURLTD105	Diagnose and repair light vehicle suspension systems	Core
AURLTE102	Diagnose and repair light vehicle engines	Core
AURTTA104	Carry out servicing operations	Core
AURTTA118	Develop and carry out diagnostic test strategies	Core
AURTTB101	Inspect and service braking systems	Core
AURTTTC103	Diagnose and repair cooling systems	Core
AURTTTE104	Inspect and service engines	Core
AURTTTF101	Inspect and service petrol fuel systems	Core
AURTTTK102	Use and maintain tools and equipment in an automotive workplace	Core
AURETRI31	Diagnose and repair ignition systems	Core
AURETRI43	Diagnose and repair electronic body management systems	Elective
AURETRI44	Diagnose and repair integrated engine and transmission management systems	Elective
AURETR011	Install basic ancillary electrical systems and components	Elective
AURLTQ101	Diagnose and repair light vehicle final drive assemblies	Elective
AURLTQ102	Diagnose and repair light vehicle drive shafts	Elective
AURLTX101	Diagnose and repair light vehicle manual transmissions	Elective
AURLTX102	Diagnose and repair light vehicle automatic transmissions	Elective
AURLTX103	Diagnose and repair light vehicle clutch systems	Elective
AURTTA017	Carry out vehicle safety inspections	Elective
AURTTX103	Inspect and service automatic transmissions	Elective
AURTTD002	Inspect and service steering systems	Elective
AURTTD004	Inspect and service suspension systems	Elective
AURTTQ001	Inspect and service final drive assemblies	Elective
AURTTQ103	Inspect and service drive shafts	Elective
AURTTX102	Inspect and service manual transmissions	Elective
AURTTTC001	Inspect and Service Cooling Systems	Elective

\*Please note: UOC/Electives may be substituted / replaced at any time without prior notice.



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