



# AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology

National ID: AUR31116 | State ID: BAF2

## About this course

This course will expand your knowledge and practical skills specific to heavy commercial vehicles, including steering, braking and hydraulic systems. You will learn how to carry out diagnostic procedures and undertake appropriate repairs, identifying and applying safe work practices in the heavy automotive industry (NB. You will need to be employed and registered as an apprentice/trainee before you can undertake this course). This course may also be available through Recognition of Prior Learning to eligible applicants.

**Study modes and durations differ depending on your local campus. Please check with your local campus for more information.**

## Overview

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online and classroom based training delivery, as well as practical and work experience placements.

While the mode of delivery might vary, the content and key learning outcomes of the course will remain the same.

The precise mix of delivery method will vary from course to course. The time, place and method of delivery may

also vary across the semester to ensure social distancing and safe training delivery for staff and students during the COVID-19 pandemic.

South Regional TAFE will provide students with adequate support to work in online environments where necessary.

## Semester 1, 2020

### Bunbury - Apprenticeship

 When: **Semester 1, 2020**

 How: **A  
Apprenticeship**

### Units

Not all units and study modes are offered at all campuses. Please check with your local campus.

### Core

National ID	Unit Title
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR022	Diagnose and repair vehicle dynamic control systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems

National ID	Unit Title
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURHTX001	Diagnose and repair heavy vehicle manual transmissions
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA018	Carry out diagnostic procedures
AURTTC003	Diagnose and repair cooling systems
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK002	Use and maintain tools and equipment in an automotive workplace

## Elective

National ID	Unit Title
AURAF003	Communicate effectively in an automotive workplace
AURHTB001	Diagnose and repair heavy vehicle air braking systems
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies

National ID	Unit Title
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTE004	Inspect and service engines
AURTTF002	Inspect and service diesel fuel injection systems
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies
AURVTW001	Carry out manual metal arc welding on components
AURVTW018	Carry out oxyacetylene welding, thermal heating and cutting

## Entrance requirements

School Leaver	Non-School Leaver	AQF
OLNA or NAPLAN 9 Band 8	C Grades in Year 10 English and Maths or equivalent	Certificate I or Certificate II

## Job opportunities

This qualification reflects the role of individuals who perform a broad range of tasks on a variety of heavy commercial vehicles in the automotive service and repair sector.

## Fees and charges

Please contact the college to receive an indicative price for this course. Your fees will be calculated from your individual circumstances at the time of enrolment.

Concessions (for eligible courses at certificate levels I to IV) and annual course fee caps may apply. Other charges may apply.

### VET Student Loan

Students in Diploma qualifications and above may be assisted through a loan under the Commonwealth Government's VET Student Loan scheme. Only an Australian citizen, a permanent humanitarian visa holder and resident in Australia, or a New Zealand Special Visa 444 student who can also provide evidence of a WACE Certificate (completion of Year 12) or equivalent can apply for a loan. For more information please see <http://studyassist.gov.au/sites/StudyAssist/> (Opens in a new window )

For information on the VET Student Loan process at South Regional TAFE please see <http://www.southregionaltafe.wa.edu.au/futurestudents/vet-student-loans>

### International students

Fees, charges, available locations, applications, and enrolment procedures for international students are different to those applicable to local students.

International students can only study full-time. For information on international student fees and application, please follow this link to the TAFE International WA website [www.tafeinternational.wa.edu.au/courses](http://www.tafeinternational.wa.edu.au/courses)

**Please note, fees are subject to change.**