



# AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology

National ID: AUR31116 | State ID: BAF2

## About this course

### Are you looking for a spark to ignite a heavy career?

When you complete the Certificate III in Heavy Commercial Vehicle Mechanical Technology you'll be ready for a career in the heavy vehicle industry.

You will have the broad range of skills and knowledge to work effectively in the industry, including diagnosing and repairing drivelines, drive assemblies, engines, suspension, brakes, hydraulics, pneumatic systems, steering, wiring and circuits, welding, thermal cutting, and workplace safety and health.

The Certificate III in Heavy Commercial Vehicle Mechanical Technology is an apprenticeship: you must be employed in a training contract by an appropriate organisation to study. Please see the Apprenticeships section for more information.

## Overview

## Semester 1, 2019

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### Thornlie Campus - Classroom-Apprenticeship

 When: **Semester 1, 2019**

 How: **Apprenticeship  
Part Time**

## Units

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### Core

Unit Title	National ID
Follow environmental and sustainability best practice in an automotive workplace	AURAEA002
Follow safe working practices in an automotive workplace	AURASA002
Test and repair basic electrical circuits	AURETR012
Diagnose and repair vehicle dynamic control systems	AURETR022
Diagnose and repair compression ignition engine management systems	AURETR024
Test, charge and replace batteries and jump-start vehicles	AURETR025
Diagnose and repair charging systems	AURETR029
Diagnose and repair starting systems	AURETR030
Diagnose and repair heavy vehicle air braking systems	AURHTB001
Diagnose and repair heavy commercial vehicle steering systems	AURHTD002
Diagnose and repair heavy commercial vehicle suspension systems	AURHTD003
Diagnose and repair heavy vehicle compression ignition engines	AURHTE002
Diagnose and repair heavy vehicle drive shafts	AURHTQ003

Unit Title	National ID
Diagnose and repair heavy vehicle manual transmissions	AURHTX001
Diagnose and repair heavy vehicle emission control systems	AURHTZ001
Carry out servicing operations	AURTTA004
Inspect and service hydraulic systems	AURTTA006
Carry out diagnostic procedures	AURTTA018
Diagnose and repair cooling systems	AURTTC003
Inspect and service diesel fuel injection systems	AURTTF002
Diagnose and repair engine forced-induction systems	AURTTF005
Use and maintain tools and equipment in an automotive workplace	AURTTK002
Inspect and service final drive assemblies	AURTTQ001

## Elective

Unit Title	National ID
Diagnose and repair automotive electrical systems	AURETR032
Service air conditioning and HVAC systems	AURETU003
Diagnose and repair air conditioning and HVAC systems	AURETU004
Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems	AURHTB002
Diagnose and repair heavy vehicle diesel fuel injection systems	AURHTF002
Remove, inspect and refit heavy vehicle wheel and tyre assemblies	AURHTJ003
Diagnose and repair heavy commercial vehicle final drive assemblies	AURHTQ002
Diagnose and repair heavy vehicle automatic transmissions	AURHTX003

Unit Title	National ID
Diagnose and repair heavy vehicle clutch systems	AURHTX004
Inspect and service engines	AURTTE004
Use and maintain measuring equipment in an automotive workplace	AURTTK001
Carry out oxyacetylene thermal heating and cutting on vehicle body sections	AURVTW007
Carry out basic gas metal arc welding	AURVTW009

## 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

- When you complete the Certificate III in Heavy Commercial Vehicle Mechanical Technology you'll be ready for a career in the heavy vehicle industry.

For information about jobs and pathways, please see <http://joboutlook.gov.au/>

Further study opportunities:

## Fees and charges

### Indicative fees and charges

[2019 general admission fees list](#)

[2019 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills
- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

## VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

## International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

## Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

## Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.

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