



AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology

National ID: AUR31116 | State ID: BAF2

About this course

Interested in a career in the heavy automotive industry?

Undertaken as part of an apprenticeship, this qualification enables participants to become a heavy diesel mechanic, servicing and repairing trucks, buses and earthmoving equipment in the automotive industry.

Throughout this course, participants will apply their practical skills, while gaining an understanding of how to inspect and service engines, test, use and maintain equipment, and diagnose and repair a range of mechanical problems.

This qualification is delivered in blocks, over a period of three years.

Overview

Available all year, 2019

Broome Campus - Qualification details

-  Duration: **3 Years**
-  When: **Available all year**
-  How: **Face-to-face block delivery**
Face-to-face classroom delivery
Full-time
On the job/on location

Units

This is a suggested study plan. North Regional TAFE offers a variety of alternative units, and packaging rules apply to these selections. Your unit options will be discussed with you prior to enrolment.

Students must successfully complete 22 core and 14 elective units to be awarded this qualification.

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
AURHTB001	Diagnose and repair heavy vehicle air braking 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
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA018	Carry out diagnostic procedures
AURTTC003	Diagnose and repair cooling systems
AURTTF002	Inspect and service diesel fuel injection systems
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies

Elective

National ID	Unit Title
AURETR006	Solder electrical wiring and circuits
AURETR044	Diagnose and repair integrated engine and transmission management systems
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURHTD004	Carry out heavy vehicle wheel alignment operations
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes

National ID	Unit Title
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies
AURHTX001	Diagnose and repair heavy vehicle manual transmissions
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURTTA013	Diagnose and repair hydraulic systems
AURTTE004	Inspect and service engines
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTX003	Inspect and service automatic transmissions
AURTTZ002	Diagnose and repair exhaust systems

Job opportunities



[Heavy diesel mechanic](#)

Fees and charges

North Regional TAFE's **indicative fees for 2019** are available [here](#). These fees are indicative for local students enrolling full-time in Government-funded courses. Fees are calculated based on individual circumstances at the time of enrolment. Concessions for eligible certificate I - IV level courses, annual fee caps and other charges may apply.

For more information, please click [here](#).

VET Student Loans

VET Student Loans is an income contingent loan support available to eligible students studying a diploma level or above qualification. For more information, please click [here](#).

International student fees

Fees, charges, available locations, applications, and enrolment procedures for international students are different to those applicable to local students. Please visit the [TAFE International WA website](#) to confirm available courses and fees. Tuition fees are paid through TIWA.



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Regional**

*We're working for
Western Australia.*

Please note, fees are subject to change.



RTO code: 52788
Printed: 24/08/2019