Get ahead of the pack

Heavy Vehicle Mechanics will primarily overhaul, service and repair the mechanical parts of road transport vehicles such as the engine, transmission (clutch, gear box and differential) and the suspension systems (springs, steering, brakes, wheels and tyres). They will perform tasks including discussing problems with vehicle drivers to discover faults and carry out their own diagnosis procedures. They will repair and service cooling systems, diesel fuel systems, air conditioning, engine forced induction systems and clutch assemblies. In addition, they will overhaul, repair and service

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**LOCATION/S**

Bundaberg

**DURATION**

Workplace/TAFE: Varies

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**Entry requirements**

Apprentices and trainees complete a qualification, learning skills at work and under the

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**Resources required**

No specific resources are required to successfully complete this course.

It is recommended that students have access to a reliable internet connection to

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**Overview**

There are no specific resources required to successfully complete this course. It is recommended that students have access to a reliable internet connection to

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**Costs**

For more information about the costs associated with undertaking an apprenticeship, please give us a call.

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**Outcome**

AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology - Apprenticeship
Job prospects

- Diesel Motor Mechanic

Units

To achieve this qualification you will need to complete:

Core Competencies: 23
Elective Competencies: 13

- AURTTA2006 Service hydraulic systems
- AURTTA2004 Carry out servicing operations
- AURHTZ3001 Diagnose and repair heavy vehicle emission control systems
- AURHTX3001 Repair transmissions - manual (heavy vehicle)
- AURTTA3018 Carry out diagnostic procedures
- AURTTC3003 Diagnose and repair cooling systems
- AURTTQ2001 Service final drive assemblies
- AURTK2002 Use and maintain workplace tools and equipment
- AURTTF3005 Inspect and repair engine forced induction systems
- AURTTF2002 Service diesel fuel injection systems
- AURHTQ3003 Repair final drive - driveline (heavy vehicle)
- AURHTE3002 Repair engines and associated engine components (heavy vehicle)
- AURETR3024 Diagnose and repair electronic compression ignition engine management systems
- AURETR3022 Diagnose and repair vehicle dynamic control systems
- AURETR2012 Test and repair basic electrical circuits
- AURASA2002 Apply safe working practices in an automotive workplace
- AURETR3025 Test, charge and replace batteries
- AURETR3029 Diagnose and repair charging systems
- AURHTD3003 Repair suspension systems (heavy vehicle)
- AURHTD3002 Repair steering systems (heavy vehicle)
- AURHTB3001 Repair air braking systems
- AURETR3030 Diagnose and repair starting systems
- AURAE3003 Monitor environmental and sustainability best practice in the automotive mechanical industry

Disclaimer

Not all electives available at all campuses

Accurate as at 13 April 2017. For the latest information see:
tafeeastcoast.edu.au/course/15077

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