

**COURSE CODE**

AUR31116

**COURSE TITLE**

Certificate III in Heavy  
Commercial Vehicle  
Mechanical Technology

**WHERE DO I STUDY?**

In the workplace

**DURATION**

Maximum of 48 months full  
time

# HEAVY COMMERCIAL VEHICLE TECHNICIAN (DIESEL MECHANIC)

## WHAT JOB CAN I DO?

With this qualification you can perform a broad range of tasks on a variety of heavy commercial vehicles in the automotive mechanical service and repair sector, the job role is referred to as a Heavy Commercial Vehicle Technician

## HOW WILL I LEARN?

You will learn mostly on the job, in a practical real world way! In addition to this you will be supported with online activities such as reading, research, projects. You will also have assessment work for each unit of learning.

## WILL I BE ASSESSED?

Yes, your trainer will work with you to make sure that you are ready to be assessed in each unit, or cluster of units. You will need to complete your theory assessment, your workplace supervisor will confirm that you have undertaken the tasks as part of your work and then your assessor will observe you at work to confirm your competence. Sometimes you will need to be observed over a number of visits.

## HOW LONG WILL THIS QUALIFICATION TAKE?

The Certificate III in Heavy Commercial Vehicle Mechanical Technology qualification is made up of 36 units. The maximum duration of this apprenticeship is 48 months for full time and 72 for part time, depending on knowledge and experience.

## IS THIS QUALIFICATION RIGHT FOR YOU?

The Certificate III in Heavy Commercial Vehicle Mechanical Technology is designed to reflect the role of individuals who perform a broad range of tasks on a variety of heavy commercial vehicles in the automotive mechanical service and repair sector.

## HOW MUCH WILL WE PAY TO DO THE QUALIFICATION?

Contact our office for full details.  
Email: [info@qat.edu.au](mailto:info@qat.edu.au)  
Call: 1300 304 867

# **AUR31116**

## **CERTIFICATE III IN HEAVY COMMERCIAL VEHICLE MECHANICAL TECHNOLOGY**

### **WHAT UNITS WILL I COVER?**

AURASA002	Follow safe working practices in an automotive workplace
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURTTC003	Diagnose and repair cooling systems
AURTTF002	Inspect and service diesel fuel injection systems
AURTTQ001	Inspect and service final drive assemblies
AURHTB001	Diagnose and repair heavy vehicle air braking systems
AURTTA018	Carry out diagnostic procedures
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTA006	Inspect and service hydraulic systems
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURETR012	Test and repair basic electrical circuits
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURETR022	Diagnose and repair vehicle dynamic control systems
AURTTA004	Carry out servicing operations
AURAF003	Communicate effectively in an automotive workplace
AURTTA008	Produce patterns and templates
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURACA001	Respond to customer needs and enquiries in an automotive workplace
AURTTE004	Inspect and service engines
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURHTX003	Diagnose and repair heavy vehicle automatic transmission systems
AURATA001	Identify basic automotive faults using troubleshooting processes
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURHTX001	Diagnose and repair heavy vehicle manual transmissions
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies
AURETR043	Diagnose and repair electronic body management systems
AURETR044	Diagnose and repair integrated engine and transmission management system

## **ENROL TODAY**

**Contact us at [info@qat.edu.au](mailto:info@qat.edu.au) or  
call on 1300 304 867**



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**Government of  
South Australia**

To Check your eligibility Please visit  
**[www.skills.sa.gov.au](http://www.skills.sa.gov.au)**



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