



# STUDY AN AUSTRALIAN RECOGNISED QUALIFICATION

Become a qualified heavy commercial vehicle mechanic and kickstart your career in Automotive.

This qualification prepares you for a career in the heavy commercial vehicle automotive service and repair sector. You will learn how to inspect, diagnose, and repair heavy commercial vehicle systems, leading to an occupation such as a Heavy Commercial Vehicle Technician.

Utilise your passion for cars and launch yourself into a career in Automotive, performing maintenance and repair on heavy commercial vehicles to achieve successful customer outcomes.

**START YOUR CAREER  
TODAY!**



**REACH**  
COMMUNITY COLLEGE  
RTO: 40747 | CRICOS: 03904B

**AUR31120**  
**CERTIFICATE III  
IN HEAVY  
COMMERCIAL  
VEHICLE  
MECHANICAL  
TECHNOLOGY**



# AUR31120 CERTIFICATE III IN HEAVY COMMERCIAL VEHICLE MECHANICAL TECHNOLOGY

Total number of Units: 36

Core Units: 22

Elective Units: 14

Duration: 52 weeks (46 weeks tuition + 6 weeks break)

## CORE UNITS

UNIT CODE	UNIT TITLE
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA102	Follow safe working practices in an automotive workplace
AURETR112	Test and repair basic electrical circuits
AURETR122	Diagnose and repair vehicle dynamic control systems
AURETR124	Diagnose and repair compression ignition engine management systems
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR129	Diagnose and repair charging systems
AURETR130	Diagnose and repair starting systems
AURHTB101	Diagnose and repair heavy vehicle air braking systems
AURHTD102	Diagnose and repair heavy commercial vehicle steering systems
AURHTD103	Diagnose and repair heavy commercial vehicle suspension systems
AURHTE102	Diagnose and repair heavy vehicle compression ignition engines
AURHTQ103	Diagnose and repair heavy vehicle drive shafts
AURHTZ101	Diagnose and repair heavy vehicle emission control systems
AURTTA006	Inspect and service hydraulic systems
AURTTA104	Carry out servicing operations
AURTTA118	Develop and carry out diagnostic test strategies
AURTTC103	Diagnose and repair cooling systems
AURTTF102	Inspect and service diesel fuel injection systems
AURTTF105	Diagnose and repair engine forced-induction systems
AURTTK102	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies

## ELECTIVE UNITS

UNIT CODE	UNIT TITLE
AURHTX103	Diagnose and repair heavy vehicle automotive transmissions
AURAF103	Communicate effectively in an automotive workplace
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTB101	Inspect and service braking systems
AURTE104	Inspect and service engines
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURVTW101	Carry out manual metal arc welding on components
AURETR132	Diagnose and repair automotive electrical systems
AURETR123	Diagnose and repair spark ignition engine management systems
AURETR131	Diagnose and repair ignition systems
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems
AURLTD104	Diagnose and repair light vehicle steering systems
AURLTD105	Diagnose and repair light vehicle suspension systems
AURLTE102	Diagnose and repair light vehicle engines

This qualification will only fulfil the academic requirements, not a licensed trade qualification.

For more detailed course information, including entry requirements, please visit the individual course page on our website [reachcollege.edu.au](http://reachcollege.edu.au)

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Qualification delivered by

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