



AUR31120

CERTIFICATE III IN HEAVY COMMERCIAL VEHICLE MECHANICAL TECHNOLOGY

Study With Axial Training To Get The
Skills and Succeed



The AUR31120 Certificate III in Heavy Commercial Vehicle Mechanical Technology qualification provides individuals with the skills & knowledge required to be competent in operations within the heavy vehicle sector.

It builds on basic operational skills and provides the learner with advanced operational and technical skills. Upon completion of this qualification, apprentices will become qualified heavy vehicle mechanical technicians.

This training is funded by the NSW Government

Study Mode	Workplace & Online
Duration of Course	24 - 48 Months
Total Units	36 [22 Core & 14 Elective]



Entry Requirements



Employment

This accredited qualification is delivered as an Australian Apprenticeship.

Accordingly, you will need employment as an Apprentice at a suitable employer with a nominated Supervisor who holds this qualification (or recognised equivalent).



Requirements

You will need to have access to a Lap Top or Desk Top Computer with working speakers or headphones and a suitable, reliable internet connection.



Career Outcomes

Heavy Vehicle Technician





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Pathways To Further Study

Certificate III in Light Vehicle Mechanical Technology

Certificate III in Automotive Electrical Technology

Certificate III in Automotive Engine Re-Conditioning

Certificate III in Automotive Diesel Engine Technology

Course Units

Core:

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

Elective:

AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURAF103	Communicate effectively in an automotive workplace
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURTE104	Inspect and service engines
AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems
AURTTB004	Inspect and service air braking systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURTTB101	Inspect and service braking systems
AURHTX101	Diagnose and repair heavy vehicle manual transmissions
AURETR009	Install vehicle lighting and wiring systems
AURTTZ102	Diagnose and repair exhaust systems
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives
AURHTE001	Remove and install heavy vehicle engine assemblies

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