



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.

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



Entry Requirements



Minimum Age

You will need to be at least 16 years old. If you are under 18 your enrolment form will need to be signed by a parent or guardian.



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
- AURTF102 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
- AURTF105 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
- AURFA103 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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