



Train them...Don't blame them!



AUR31116

Certificate III in Heavy Commercial
Vehicle Mechanical Technology (Release 2)

This course may be funded by the Queensland Government, please contact Work Skills for further information.

WORK SKILLS

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See below an example of a AUR31116 Certificate III in Heavy Commercial Vehicle Mechanical Technology as offered by Work Skills.

CORE UNITS - MANDATORY

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace
AURASA002	Follow safe working practices in an automotive workplace
AURETR012	Test and repair basic electrical circuits
AURETR022	Diagnose and repair vehicle dynamic control systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURETR025	Test, charge and replace batteries and jump-start vehicles
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURHTB001	Diagnose and repair heavy vehicle air braking systems
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
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTA004	Carry out servicing operations
AURTTA006	Inspect and service hydraulic systems
AURTTA018	Carry out diagnostic procedures
AURTTC003	Diagnose and repair cooling systems
AURTTF002	Inspect and service diesel fuel injection systems
AURTTF005	Diagnose and repair engine forced-induction systems
AURTTK002	Use and maintain tools and equipment in an automotive workplace
AURTTQ001	Inspect and service final drive assemblies

SPECIALIST UNIT - MANDATORY TO ACHIEVE HEAVY VEHICLE MANUAL TRANSMISSION

AURHTX001	Diagnose and repair heavy vehicle manual transmissions
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CHOOSE THIRTEEN (13) UNITS FROM ELECTIVES BELOW

AURTTE004	Inspect and service engines
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspensions systems
AURTTX002	Inspect and service manual transmissions
AURTTX003	Inspect and service automatic transmissions
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURTTZ002	Diagnose and repair exhaust systems
AURETR044	Diagnose and repair integrated engine and transmission management systems
AURTTA013	Diagnose and repair hydraulic systems
AURETR032	Diagnose and repair automotive electrical systems
AURHTE001	Remove and install heavy vehicle engine assemblies
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems
AURETR043	Diagnose and repair electronic body management systems
AURHTQ002	Diagnose and repair heavy commercial vehicle final drive assemblies
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURAF003	Communicate effectively in an automotive workplace
AURAMA001	Work effectively with others in an automotive workplace
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURHTJ003	Remove, inspect and refit heavy vehicle wheel and tyre assemblies
AURHTJ006	Remove, inspect, repair and refit heavy vehicle tyres and tubes
AURETU003	Service air conditioning and HVAC systems*
AURETU004	Diagnose and repair air conditioning and HVAC systems*

* Please note these units have licencing and supervision requirements. Please contact Work Skills for further information.