

# Certificate III in Heavy Commercial Vehicle Mechanical Technology

## AUR31116



This qualification covers the skills and knowledge required to perform a broad range of tasks on a variety of heavy commercial vehicles within the automotive service and repair sector.

### Occupational titles may include:

- < **Automotive truck mechanic**
- < **Automotive heavy machinery mechanic**

### COURSE REQUIREMENTS:

#### DOMESTIC STUDENTS

Training and assessments are conducted in English. A pre training intake interview will be conducted and each learner will undertake a Language, Literacy and Numeracy Assessment.

There are no pre-requisites or any other training package entry requirement to enrol in this course.

#### INTERNATIONAL

English requirements:

- must have an IELTS score of 5.5 or
- must have a PTE Academic score of 42 or
- must have a Cambridge English Advanced (CAE) score of 47 or
- must have an OET score of pass

Must be 18 years or older

Completed year 11

#### TRAINING DELIVERY:

Courses are available in face-to-face and blended learning modes catering to new entrants and experienced workers.

Classes are run between 1-5 days per week with options available for weekends, evenings and intensive delivery.

Programs can be tailored to suit individual needs.

Opportunities also exist for accelerated learning resulting in earlier completion, depending on your existing skills and knowledge.

**Domestic students:** ☎ 13 13 89

**International students:** 📞 +61 3 9450 0500

Please see over for Units of Study



**MECHANICAL INSTITUTE OF TRAINING AND TECHNOLOGY**

#### Head Office

Level 1, 158 Burgundy St, Heidelberg  
Victoria 3084 Tel: (03) 9450 0500

#### Brunswick Campus (Melbourne)

2/29 Cameron Street, Brunswick  
VIC 3056 Tel: 03 9450 0500

#### Bankstown Campus (Sydney)

6 Fetherstone St, Bankstown  
NSW 2200 Tel: 03 9450 0500

#### Yennora Campus (Sydney)

89 Larra St, Yennora  
NSW 2161 Tel: 03 9450 0500

# Units of Study



CORE UNITS	
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
AURETR012	Test and repair basic electrical circuits
AURETR029	Diagnose and repair charging systems
AURETR030	Diagnose and repair starting systems
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines
AURTTTC003	Diagnose and repair cooling systems
AURTTTF002	Inspect and service diesel fuel injection systems
AURETR024	Diagnose and repair compression ignition engine management systems
AURTTTF005	Diagnose and repair engine forced-induction systems
AURHTZ001	Diagnose and repair heavy vehicle emission control systems
AURTTQ001	Inspect and service final drive assemblies
AURHTQ003	Diagnose and repair heavy vehicle drive shafts
AURHTB001	Diagnose and repair heavy vehicle air braking systems
AURTTA006	Inspect and service hydraulic systems
AURETR022	Diagnose and repair vehicle dynamic control systems
AURHTD002	Diagnose and repair heavy commercial vehicle steering systems
AURHTD003	Diagnose and repair heavy commercial vehicle suspension systems
AURTTA004	Carry out servicing operations
AURTTA018	Carry out diagnostic procedures
ELECTIVE	
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURTTE004	Inspect and service engines
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives
AURTTZ002	Diagnose and repair exhaust systems
AURTTX002	Inspect and service manual transmissions
AURHTX001	Diagnose and repair heavy vehicle manual transmissions
AURHTX004	Diagnose and repair heavy vehicle clutch systems
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems
AURTTB001	Inspect and service braking systems
AURTTD002	Inspect and service steering systems
AURTTD004	Inspect and service suspension systems
AURAF003	Communicate effectively in an automotive workplace
AURTTA009	Carry out mechanical pre-repair operations
AURTTA017	Carry out vehicle safety inspections



**FURTHER INFORMATION**  
Visit our website or contact your  
closest office for further information

[www.mitt.vic.edu.au](http://www.mitt.vic.edu.au)



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