



MELBOURNE TRADES COLLEGE



# AUR31520 Certificate III in Automotive Diesel Engine Technology

## Description

This qualification reflects the role of individuals who perform a broad range of tasks on a variety diesel vehicles in the automotive retail, service and repair industry.

## Course Duration

This course has been designed to be delivered over 62 weeks of scheduled classes and 10 weeks holidays. The total course duration is 72 weeks.

Students are required to attend 20 scheduled course contact hours per week.

## Who can Enrol

International students who may have limited knowledge or some experience in the Automotive industry. It is expected that their knowledge and skills will be developed over the duration of the course.

## Mode of Delivery

- Classroom based Face to Face theory learning
- Practical training at Automotive workshop

## Pathways from the qualification

Students exiting the qualification may choose to progress with further studies by undertaking one or more of the following qualifications:

- AUR40216 Certificate IV in Automotive Mechanical Diagnosis
- AUR50116 Diploma of Automotive Management

## Employment Pathways from the qualification

This qualification prepares students to perform mechanical work in the Automotive Service and Repair Industry.

### Possible job titles include:

- Automotive Heavy Diesel Fuel Technician
- Diesel Engine Technician

Above pathway information is in line with qualification description on National Training Register ([www.training.gov.au](http://www.training.gov.au)) and/or <https://www.myskills.gov.au/>, it does not imply any job guarantee or job role at the end of the course.

### Course Fees

Tuition fee: \$18250

Material fee: \$1200

Application fee: \$250

Total course fee: \$19700

\*Fees subject to change without prior notice. For the latest fee information, please check the website [www.melbourntradescollege.vic.edu.au](http://www.melbourntradescollege.vic.edu.au), under the Fees and Charges Section

## Assessments

Assessment will usually commence once training has begun. As this is a competency-based program, assessment continues throughout the program until the participant either achieves competency in the assessment tasks or a further training need is identified and addressed. Students will be required to perform in a range of assessment tasks including and not limited to knowledge questions in the form of written assessments and being observed demonstrating assessment tasks.

## Course delivery location

Theory and practical aspects of this course will be delivered at:

73 Ashley Street Braybrook, Victoria - 3019

4/64 Macaulay St, Williamstown, Victoria - 3016



## COURSE CONTENT

Total 28 units (14 core units plus 14 elective units)

### CORE UNITS

AURASA102	Follow safe working practices in an automotive workplace
AURAEA002	Follow 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
AURTTE104	Inspect and service engines
AURTTM001	Recondition engine cylinder heads
AURETR125	Test, charge and replace batteries and jump-start vehicles
AURETR112	Test and repair basic electrical circuits
AURTTA118	Develop and carry out diagnostic test strategies
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies
AURTTM004	Assemble engine blocks and sub-assemblies
AURTTK001	Use and maintain measuring equipment in an automotive workplace
AURHTE102	Diagnose and repair heavy vehicle compression ignition engines.
AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems.

### ELECTIVE UNITS

AURETR129	Diagnose and repair Charging systems
AURETR130	Diagnose and repair Starting systems
AURETR132	Diagnose and repair Automotive Electrical systems.
AURETR128	Diagnose and repair Instruments and warning systems.
AURAMA001	Work effectively with others in an automotive workplace.
AURTTA009	Carry out mechanical pre-repair operations.
AURAF103	Communicate effectively in an automotive workplace
AURTTA017	Carry out Vehicle safety inspections
AURLTD105	Diagnose and repair light vehicle Suspension systems
AURTTA105	Select and use bearings, seals, gaskets, Sealants and adhesives.
AURTTA105	Diagnose and repair engine forced-induction systems
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems
AURTTB015	Diagnose and repair light vehicle hydraulic braking systems
AURTTF102	Assemble and fit braking system components
AURTTF102	Inspect and service diesel fuel injection

## General Entry requirements:

- Applicants must be 18 years of age or older
- Satisfactory completion of the equivalent of Australian Year 11 or higher.
- Minimum IELTS score of 6.0 or PTE score of 52 or its equivalent. For equivalency of various English Languages proficiency testing, and other forms of equivalency please refer to the Enrolment policy and procedure available on the website or student handbook
- Students must complete a Pre-Training Review and successfully complete a LLN test to confirm the ability to effectively undertake the course.
- Have physical attributes suitable for working in the automotive industry that encompasses manual handling of equipment including lifting and carrying heavy objects within scope of safe working practices (i.e., removing and fitting engine electrical components and parts).





## How to Enrol

To apply and enrol into this course please follow the link below.

Website - [www.melbournetradescollege.vic.edu.au](http://www.melbournetradescollege.vic.edu.au)  
or email us on [info@melbtc.vic.edu.au](mailto:info@melbtc.vic.edu.au)

## Further Information

For any further information please refer to the student prospectus 2024 available on our website - [www.melbournetradescollege.vic.edu.au](http://www.melbournetradescollege.vic.edu.au)  
Or email us on [info@melbtc.vic.edu.au](mailto:info@melbtc.vic.edu.au)



### **EXCEED VENTURES PTY LTD T/A MELBOURNE TRADES COLLEGE**

RTO No – 45934 | CRICOS No – 04077B

ABN – 94 648 667 789

Address – 73 Ashley Street, Braybrook, VIC - 3019

Ph No – 03 7066 5255

Website – [www.melbournetradescollege.vic.edu.au](http://www.melbournetradescollege.vic.edu.au)



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