

# Course Outline

Unit Code	Unit Name	Nominal Hours
<b>Core Units</b>		
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	25
AURASA002	Follow safe working practices in an automotive workplace	20
AURETR012	Test and repair basic electrical circuits	40
AURETR025	Test, charge and replace batteries and jump-start vehicles	15
AURHTE002	Diagnose and repair heavy vehicle compression ignition engines	70
AURHTF002	Diagnose and repair heavy vehicle diesel fuel injection systems	80
AURTTA004	Carry out servicing operations	20
AURTTA018	Carry out diagnostic procedures	20
AURTTE004	Inspect and service engines	20
AURTTK001	Use and maintain measuring equipment in an automotive workplace	15
AURTTK002	Use and maintain tools and equipment in an automotive workplace	20
AURTTM004	Assemble engine blocks and sub-assemblies	70
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies	70
AURTTM011	Recondition engine cylinder heads	120
<b>Elective Units</b>		
AURafa003	Communicate effectively in an automotive workplace	25
AURttc003	Diagnose and repair cooling systems	20
AURETR024	Diagnose and repair compression ignition engine management system	50
AURETR028	Diagnose and repair instruments and warning systems	40
AURETR029	Diagnose and repair charging systems	30
AURETR030	Diagnose and repair starting systems	30
AURttb001	Inspect and service braking systems	20
AURHTX004	Diagnose and repair heavy vehicle clutch systems	35
AURHTZ001	Diagnose and repair heavy vehicle emission control systems	20
AURTTA005	Select and use bearings, seals, gaskets, sealants and adhesives	10
AURttf002	Inspect and service diesel fuel injection systems	20
AURttf005	Diagnose and repair engine forced-induction systems	15
AURSCA001	Select and supply automotive parts and products	100
AURTTA021	Diagnose complex system faults	80
Total Hours		1095

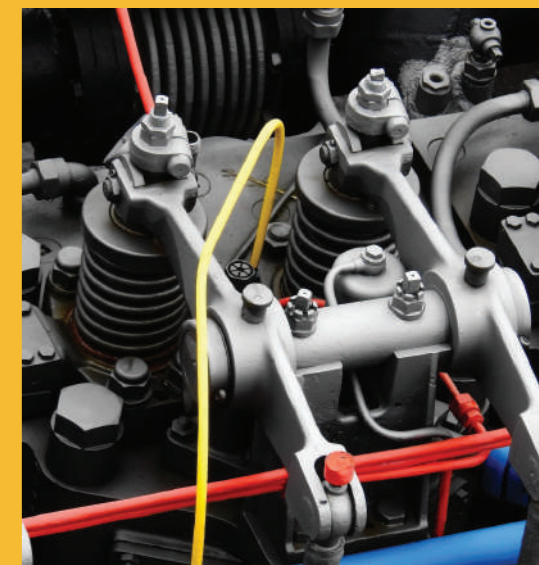
(Australian Careers Education is not associated with the Auto Centre of Excellence)



**RTO No: 22424**

**ABN: 69136260252 ACN: 136260252**

## AUR31516 Certificate III in Automotive Diesel Engine Technology



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**“This training is delivered with Victorian Government VET funding”**

# AUR31516 Certificate III in Automotive Diesel Engine Technology

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## Course Description

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

### Course Duration & Location

This course has been designed to be delivered over 2 years.

### Assessments

The following assessment methods but not limited to these, will be used during this qualification: Practical Demonstrations, Written Assessments.

### Training Package Rules

To attain AUR31516 Certificate III in Automotive Diesel Engine Technology, 28 units must be completed by the student: 14 core units and 14 elective units.

### RPL / Credit Transfer

ACE has a 'Recognition of Prior Learning and Credit Transfer Policy and Procedure' at [www.ace.vic.edu.au](http://www.ace.vic.edu.au) which outlines in detail a process to be followed for granting recognition and credit transfer. For any Credit granted for previous studies by the student as part of RPL - Formal learning process will lead to reduction in overall course duration. ACE will determine any prior learning that an individual may have acquired through formal, non-formal and informal learning to determine the extent to which that individual meets the requirements which are specified in the course in which a student is wanting to enrol (as per Clause 1.12 RTO Standards 2015) at the time of pre-enrolment.

### Course Entry Requirements

This qualification may be accessed by direct entry. However, students must meet the following minimum entry requirements. Minimum Age - Applicants must be 16 years of age at the commencement of their course (refer to the Student Engagement Prior to Enrolment and Marketing policies and procedures [www.ace.vic.edu.au](http://www.ace.vic.edu.au)).

Academic Requirements - Students must have satisfactorily completed a minimum of year 10 or equivalent.

### Student Support Services

Please refer to ACE a list of Student Support Services available online at [www.ace.vic.edu.au](http://www.ace.vic.edu.au), in Student Support Services Handbook or at ACE's Campus. ACE encourages individuals with disabilities to access government subsidised training.

### Educational Pathways

After achieving this qualification individuals could progress to AUR40216 Certificate IV in Automotive Mechanical Diagnosis, AUR40816 Certificate IV in Automotive Mechanical Overhauling or other relevant qualifications.

### Fees, Charges & Refunds

The student tuition fees as published are subject to change given individual circumstances at enrolment. For Total Course fees please contact ACE at [info@ace.vic.edu.au](mailto:info@ace.vic.edu.au). Please refer to ACE's Fees and Charges Policy and Refund Policy available online [www.ace.vic.edu.au](http://www.ace.vic.edu.au), in Student Handbooks or at ACE's Campus.

## Cancellation & Withdrawal

Please refer to ACE's Domestic Cancellation and Withdrawal Student's Enrolment Policy if a student wishes to cancel or withdrawal from a course- further information is available online [www.ace.vic.edu.au](http://www.ace.vic.edu.au) or at ACE's Campus.

### Pre-enrolment - Government VET Funding requirements for this qualification:

Individual's eligibility for government subsidised training will be determined in accordance with the eligibility requirements set out in the Skills First Funding Contract. Students wishing to enrol in this qualification are not eligible for government subsidised training if the student has a qualification issued at AQF level 5 (Diploma) or higher or is enrolled in the Commonwealth Government's 'Skills for Education and Employment' program. Prior to enrolling in this course the student will be involved in a Pre-Training Review of their current competencies including their literacy and numeracy skills in order to ascertain the most appropriate qualification for the student to be enrolled, including consideration of the likely job outcomes from the development of their new competencies and skills. The outcome of this process is that ACE will not enrol the student in a course that is at an inappropriate level for them or that would not provide additional relevant competencies.

To be considered an Eligible Individual undertaking training under Automotive Supply Chain Training Initiative arrangements you must present the relevant Referral Form or Letter to ACE prior to enrolment. (Please refer to Domestic Student Engagement Prior to Enrolment and Domestic Student Formalisation of Enrolment policies and procedures [www.ace.vic.edu.au](http://www.ace.vic.edu.au) for further information).

### Enrolment - Government VET Funding requirements for this qualification:

At the time of enrolling, a student must advise ACE that they are seeking Government VET Funding for this course. Students can seek Government VET Funding for:

- The Upskilling requirement
- The '2" in a year limitation
- The "2" at a time limitation
- The "2" at level limitation Australian Qualifications Framework (AQF) level in their lifetime. For exceptions to this rule please refer to Domestic Student Engagement Prior to Enrolment and Domestic Student Formalisation of Enrolment policies and procedures [www.ace.vic.edu.au](http://www.ace.vic.edu.au)
- Accredited courses with the course title 'Course in...'
- Courses on the foundation skills list.

## Delivery Arrangements:

Workplace Based Training Minimum Compliance Standards

Reference: 2019 Guidelines about Apprenticeships / Traineeship Training Delivery (herein referred to as the "Guidelines")

1. For every Apprentice/Trainee who is undertaking workplace based training, in addition to the requirements in Section 2 of the Guidelines, ACE will conduct a workplace induction with the Apprentice/Trainee and supervisor and sign off the Training Plan with the supervisor/employer;
2. ACE conducts a minimum number of one visit per month which is recorded in monthly contact records.
3. During the course of the visit: ACE trainer,
  - i. meets with the Apprentice/Trainee to discuss progress in relation to the Training Plan;
  - ii. delivers training and/or assessment in accordance with the Training Plan; and
  - iii. documents the training and/or assessment provided in reference to the competencies;
4. ACE ensures withdrawal time from routine work duties for Structured Training activities, as follows: i. at Certificates III and above, a minimum of three hours per week, averaged over a four week cycle (pro rata for part time Trainees and only for the duration of competencies delivered and assessed in the workplace if the training program combines Off-the-job Structured Training and Workplace Based Structured Training);
5. ACE trainer monitors and documents the training/learning activities undertaken during the withdrawal time for the previous month; and documents the dates and time periods logged as withdrawal time in the previous month.



## Application Procedure

Apply directly to ACE at [www.ace.vic.edu.au](http://www.ace.vic.edu.au) for the Pre-Enrolment Form and the Eligibility requirements through Skills First Program funded or Fee for Service.