



GIPPSLAND

INSTITUTE OF TECHNOLOGY

AUR31520

CERTIFICATE III IN AUTOMOTIVE DIESEL ENGINE TECHNOLOGY



AUR31520 Certificate III in Automotive Diesel Engine Technology

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CRICOS COURSE CODE: 110954A

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.

Target market

The target market for this course is international students:

- Who possess an appropriate visa that allows them to study at an Australian registered CRICOS provide.
- Who wish to undertake this course to access further study or employment opportunities.
- Who have successfully completed year 12 or secondary studies in their home country or in Australia.
- With little or no vocational experience.
- Who is 18 years of age at course commencement.

Course Structure

Students are required to complete 28 units comprising 14 core and 14 elective units.

Core Units

AURAEA002	Follow environmental and sustainability best practice in an automotive workplace.
AURASA102	Follow safe working practices in an automotive workplace.
AURETR112	Test and repair basic electrical circuits
AURETR125	Test, charge and replace batteries and jump-start vehicles.
AURHTE102	Diagnose and repair heavy vehicle compression ignition engines.
AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems.
AURTTA104	Carry out servicing operations.
AURTTA118	Develop and carry out diagnostic test strategies.
AURTTE104	Inspect and service engines.
AURTTK001	Use and maintain measuring equipment in an automotive workplace.
AURTTK102	Use and maintain tools and equipment in an automotive workplace.
AURTTM004	Assemble engine blocks and sub-assemblies.
AURTTM008	Dismantle and evaluate engine blocks and sub-assemblies.
AURTTM011	Recondition engine cylinder heads.

Elective Units

AURLTD105	Diagnose and repair light vehicle suspension systems.
AURETR129	Diagnose and repair charging systems.
AURETR130	Diagnose and repair starting systems.
AURLTD104	Diagnose and repair light vehicle steering systems.
AURTTA105	Select and use bearings, seals, gaskets, sealants, and adhesives.
AURLTE102	Diagnose and repair light vehicle engines.
AURAF103	Communicate effectively in an automotive workplace.
AURETR128	Diagnose and repair instruments and warning systems.
AURETR123	Diagnose and repair spark ignition engine management systems.
AURETR132	Diagnose and repair automotive electrical systems.
AURTTA009	Carry out mechanical pre-repair operations.
AURTTF102	Inspect and service diesel fuel injection systems.
AURLTB103	Diagnose and repair light vehicle hydraulic braking systems.
AURTTF105	Diagnose and repair engine forced-induction systems



NATIONALLY RECOGNISED
TRAINING

Course Currency Status: Current**Location**

Training and assessment will take place at the Gippsland Institute of Technology at 4/70 Main Street Pakenham, Melbourne Victoria Australia 3810, 15-17 Racecourse Rd, North Melbourne, Victoria, 3051 and 16/14-17 Hogan Court, Pakenham, Melbourne, Victoria, Australia 3810. Students are also required to undertake some training and assessment activities in their own time.

Course Intakes

Intakes throughout the year. Contact the Institute for details.

Qualification

Upon successful completion of 28 units of competency, the participant will be issued a Nationally Recognised AUR31520 Certificate III in Automotive Diesel Engine Technology. Where a participant successfully completes some but not all the units of competency in the course, they will be issued a Statement of Attainment indicating the units they have successfully completed.

Delivery Methods

The course is delivered via face-to-face training and independent study. The following techniques are employed during face-to-face delivery depending on the subject matter: trainer demonstrations, power point presentations, individual tasks, research, role plays, practical demonstrations, and group work. The context of the simulated workplace environment will be incorporated into delivery methodologies and student's complete tasks to workplace standards.

Students also undertake independent study and assessment activities in addition to scheduled classes. Examples of activities include undertaking homework set by trainers, research, reading, practicing applying knowledge and skills learnt in class, and preparing for and undertaking out of class assessment tasks.

Assessment Methods

Assessment methods used include knowledge questions, reports, research activities and practical demonstrations/ observations. Methods also include simulated workplace environments whereby workplace environments and conditions are simulated and student student's complete tasks to workplace standards.

Course Duration

The Institute offers this course with different term durations and holidays periods to address individual student needs and preferences.

52 weeks including holidays. This includes 46 weeks of term time and 6 weeks' holidays. Term time consists of two 12-week terms and two 11- week terms. Holiday periods include one 2-week Christmas holiday and one two week and two 1- week term holidays.

Course Hours and Commitment

During term time students attend scheduled face to face classes for 16 hours per week. Face to face classes is scheduled during the day or night or mixture of both. Day time classes are 8 hours and night classes are 4 hours in duration. Day classes operate from 8.30am to 5.30pm and night classes 6.00 to 10.00pm.

Students will be required to undertake additional independent study and assessment activities completed outside of the classroom for approximately 10 hours per week. Independent study is a mandatory part of the course. Students also have the option of attending a supervised study session for 4 hours per week. Total study commitment per week is 26 hours per week (30 hours per week if attending supervised study sessions).

Entry Requirements

Students must be over 18 years of age at the time of course commencement. Students must secure an appropriate visa that allows them to study in an Australian Registered Training organisation prior to course commencement.

Academic Entry Requirements

To gain entry to this course, students should have successfully completed year 12 or secondary studies in applicant's home country equivalent to an Australian Year 11* or 12 qualifications. (*Subject to the country Assessment Level) and course.

English Language Entry Requirements

Applicants for this qualification must have a minimum English language proficiency of IELTS 6.0 (overall band) with not less than 5.5 in any individual component or an equivalent exam result recognised by the Australian Department

of Home Affairs. Applicants can also arrange to undertake an English language test with the Institute.

Resource Entry Requirements

Students must supply their own laptop with Microsoft Office software e.g., Office 365 Personal that includes Outlook, Word, Excel, PowerPoint, & Publisher. Institute will confirm the software requirements with each student pre-enrolment. Students must supply their own safety shoes with protective toe caps.

Pre-Training Review

To ensure applicants are placed in a suitable course with an appropriate training and assessment strategy, we review applicants existing knowledge, skills, experience, and qualifications. You will be asked to complete this Pre-Training Review form during the enrolment process by providing details of your existing knowledge, skills, experience, and qualifications that are relevant to the course being applied for. Gippsland Institute of Technology will then review this information and respond to you with the outcome of the review.

Recognition of Prior Learning (RPL)

Recognition of Prior Learning is the process of formal recognition for skills and knowledge gained through previous learning. You may be eligible for recognition of prior learning for part or all your intended course, based on your previous experiences and learning.

Credit Transfer

You may be eligible for a credit transfer if you have previously undertaken training through an Australian Registered Training Organisation. Students who have successfully completed whole units of competency with an Australian Registered Training Organisation that are identical to any of those contained within this course can apply for Credit Transfer.

Training Pathway

On successful completion of this course students may progress onto the AUR40216 Certificate IV in Automotive Mechanical Diagnosis or other Automotive courses at Certificate IV level.

Employment Pathway

Successful completion of this qualification may provide career opportunities as an Automotive Diesel Engine Technician or Vehicle Technician or related roles. Successfully completing this course does not guarantee that a graduate will secure a relevant job.

Tuition Fee: \$14,000

Materials fee: \$1,250 (Includes cost of learning materials, overalls, and hire of tools).

Enrolment fee: \$250

Payment: On enrolment \$8,500 is payable of which \$250 is a non-refundable enrolment fee. \$7,000 is payable one week prior to the commencement of term 3 or to help manage the cost of your study Gippsland Institute of Technology offers a payment by instalments. This means you make small regular payments. Your first payment is required to confirm your enrolment in the course.

Recognition of Prior Learning Fee: Refer to Fees and refund procedure for details. All fees indicated are in Australian dollars.

Work Shoes

The following suppliers sell work shoes. Refer to the sites for information on prices.

<https://www.Kmart.com.au> <https://www.tradiesworkwearshop.com.au> <https://www.hardyakka.com.au/>

Further Information

Please contact the GIT Admission Team on details below:

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RTO: 45698 CRICOS No: 03921A



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