OCEANIA
COLLEGE OF TECHNOLOGY

2026-2027 COURSE GUIDE

AUR31120

CERTIFICATE III IN

HEAVY COMMERCIAL VEHICLE MECHANICAL TECHNOLOGY

CRICOS COURSE CODE 103605C



PRACTICAL AUTOMOTIVE TRAINING

Learn in a real workshop. Build job-ready skills.

78	20	03
WEEKS	HRS / WEEK	LOCATIONS

BRISBANE / GOLD COAST / SYDNEY

RTO 40995 / CRICOS 03413K

AUTOMOTIVE / COURSE OVERVIEW

AUR31120 / CERTIFICATE III

Heavy Commercial Vehicle Mechanical Technology

Qualification description

Perform a broad range of tasks on heavy commercial vehicles in the automotive service and repair sector. Develop practical skills in engines, transmissions, cooling, steering, suspension, electrical systems, hydraulic and air brakes, diesel fuel injection, and heavy-vehicle safety and roadworthy inspections.



78	70	8	20
WEEKS TOTAL	TRAINING + ASSESSMENT	HOLIDAY WEEKS	FACE-TO-FACE HRS / WK

Supplementary classes and attendance may be required for missed classes, further training, reassessment or additional support.

Delivery sites

Brisbane
110 Beatty Rd, Archerfield QLD 4108

Gold Coast
Suite 102, Level 1, 9 Bay St,
Southport QLD 4215

Sydney
Level 6, 16-18 Wentworth St,
Parramatta NSW 2150

Learning pathways

AUR40216
Certificate IV in Automotive Mechanical Diagnosis

AUR40520
Certificate IV in Vehicle Loss Assessing

Sample weekly timetable

Monday: 8 am-5 pm (1-hour break).
Tuesday: 8 am-5 pm (1-hour break).
Wednesday: 8 am-12.30 pm (30-minute break).

Mode of delivery

20 hours per week
Face-to-face training and assessment

Minimum 8 hours per week
Expected independent study

JOB OUTCOMES **Heavy Commercial Vehicle Technician / Heavy Vehicle Mechanic / Diesel Motor Mechanic**

TRAINING PACKAGE

Units of competency

36 units: 22 core units + 14 elective units.

UNIT CODE	UNIT TITLE	TYPE
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace	**CORE**
AURASA102	Follow safe working practices in an automotive workplace	**CORE**
AURTTK102	Use and maintain tools and equipment in an automotive workplace	**CORE**
AURETR112	Test and repair basic electrical circuits	**CORE**
AURETR122	Diagnose and repair vehicle dynamic control systems	**CORE**
AURETR124	Diagnose and repair compression ignition engine management systems	**CORE**
AURETR125	Test, charge and replace batteries and jump-start vehicles	**CORE**
AURETR129	Diagnose and repair charging systems	**CORE**
AURETR130	Diagnose and repair starting systems	**CORE**
AURHTB101	Diagnose and repair heavy vehicle air braking systems	**CORE**
AURHTD102	Diagnose and repair heavy commercial vehicle steering systems	**CORE**
AURHTD103	Diagnose and repair heavy commercial vehicle suspension systems	**CORE**
AURHTE102	Diagnose and repair heavy vehicle compression ignition engines	**CORE**
AURHTQ103	Diagnose and repair heavy vehicle drive shafts	**CORE**
AURHTZ101	Diagnose and repair heavy vehicle emission control systems	**CORE**
AURTTA006	Inspect and service hydraulic systems	**CORE**
AURTTA104	Carry out servicing operations	**CORE**
AURTTA118	Develop and carry out diagnostic test strategies	**CORE**

How electives are selected

Elective units must be relevant to the work environment and qualification, maintain AQF alignment, avoid duplicating another unit outcome, and contribute to a valid vocational outcome.

TRAINING PACKAGE

Units of competency (continued)

36 units: 22 core units + 14 elective units.

UNIT CODE	UNIT TITLE	TYPE
AURTTC103	Diagnose and repair cooling systems	**CORE**
AURTTF102	Inspect and service diesel fuel injection systems	**CORE**
AURTTF105	Diagnose and repair engine forced-induction systems	**CORE**
AURTTQ001	Inspect and service final drive assemblies	**CORE**
AURAFA103	Communicate effectively in an automotive workplace	**ELECTIVE**
AURTTD002	Inspect and service steering systems	**ELECTIVE**
AURTTD004	Inspect and service suspension systems	**ELECTIVE**
AURHTX101	Diagnose and repair heavy vehicle manual transmissions	**ELECTIVE**
AURTTA105	Select and use bearings, seals, gaskets, sealants and adhesives	**ELECTIVE**
AURTTX103	Inspect and service automatic transmissions	**ELECTIVE**
AURTTE104	Inspect and service engines	**ELECTIVE**
AURTTB101	Inspect and service braking systems	**ELECTIVE**
AURHTF102	Diagnose and repair heavy vehicle diesel fuel injection systems	**ELECTIVE**
AURETR144	Diagnose and repair integrated engine and transmission management systems	**ELECTIVE**
AURHTB002	Diagnose and repair heavy vehicle hydraulic and air over hydraulic braking systems	**ELECTIVE**
AURTTZ102	Diagnose and repair exhaust system	**ELECTIVE**
AURHTX104	Diagnose and repair heavy vehicle clutch systems	**ELECTIVE**
AURTTA113	Diagnose and repair hydraulic systems	**ELECTIVE**

Initial-stage units

AURAEA002, AURASA102, AURTTK102, AURAFA103. Complete these before joining ongoing classes.

Textbooks are available in the library. Buy your own copies for ongoing access; student support can assist with ordering.
OCT provides printed learning materials.

ADMISSIONS

Entry requirements

International students must:

- Be at least 18 years of age.
- Participate in a course entry interview (pre-enrolment review) to assess suitability and support needs.
- Undertake OCT's ACSF language, literacy and numeracy assessment.

English language requirements

Achieve the required test score within the last 3 years, before enrolment.

TEST TYPE	STANDARD	10+ WEEKS ELICOS	20+ WEEKS ELICOS
IELTS	6.0	5.5	5.0
TOEFL internet-based	64	46	35
Cambridge English Advanced	169	162	154
PTE Academic	50	42	36
Occupational English Test	B each component	B each component	B each component

ELICOS: English Language Intensive Courses for Overseas Students.

English test evidence exemptions

- You are a citizen and hold a passport from the UK, USA, Canada, New Zealand or Republic of Ireland.
- You are an eligible Foreign Affairs or Defence sponsored student, or a Secondary Exchange student (AASES).
- Your principal course is a registered school course, standalone ELICOS, a course delivered in a language other than English, or registered postgraduate research.
- You completed at least 5 years of study in English in Australia, UK, USA, Canada, New Zealand, South Africa or Republic of Ireland.
- In the 2 years before applying, you completed an Australian Senior Secondary Certificate or a substantial component of an AQF Certificate IV or higher course in Australia, in English, while holding a student visa.

British National Overseas (BNO) passport holders may still need an English test score for their visa application.

STUDENT VISA: Upon acceptance, international students must provide evidence of an Australian Student Visa (subclass 500).

STUDY EXPERIENCE

Study, training & support

Practical learning. Clear guidance. Support throughout your study.

Physical requirements

- Constant hand function (fine and gross), lifting waist-to-overhead and carrying up to 2 kg.
- Frequent standing, forward reaching, overhead reaching and static neck postures.
- Frequent lifting from floor to overhead and carrying 2 kg to 15 kg.
- Frequent pushing and pulling.

Discuss your capabilities and any concerns during the course entry interview.



Delivery arrangements

OCT uses a staged rolling intake. Complete the initial-stage units before merging into ongoing classes. Units run subject to enrolments and commencements and may be completed in any order. Each student receives an individual training and assessment plan outlining their timetable.

REQUIRED TEXTBOOKS

Medium/Heavy Duty Commercial Vehicle Systems by Owen C. Duffy and Gus Wright; Medium/Heavy Duty Diesel Engines by Gus Wright (CDX Automotive).

PRACTICAL CLASSES

OCT provides printed learning materials.
Bring your own PPE and safety boots to every class.

01 Student Support System

Student support is available throughout your study. Refer to the Student Handbook for available services.

02 Assessment System

Units are assessed individually through written assessment, verbal questioning and practical demonstrations observed by the assessor.

03 RPL + Credit Transfer

Prior learning and credit transfer may reduce course duration. All students may apply for RPL. Refer to the RPL and CT policy in the Student Handbook or website.

04 Assessment Appeals

Appeal assessment decisions through the Complaints and Appeals Policy in the Student Handbook or website. Complaints and appeals follow the published procedure.

READY TO BUILD YOUR AUTOMOTIVE CAREER?

AUR31120 Certificate III in
Heavy Commercial Vehicle Mechanical Technology

THREE AUSTRALIAN LOCATIONS

BRISBANE

110 Beatty Road,
Archerfield QLD 4108

GOLD COAST

Suite 102, Level 1/9 Bay St,
Southport QLD 4215

SYDNEY

Level 6, 16-18 Wentworth St,
Parramatta NSW 2150

Learn in a real workshop. Build job-ready skills.

LET'S GET YOU STARTED

Contact & connect

WEBSITE

oct.edu.au

CALL

1800 623 2642

EMAIL

admissions@oct.edu.au

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