

Automotive Engineers Program

22632VIC Certificate II in Engineering Studies (Delivery Site: Geelong Industry Trade Training Centre)

Geelong Industry
Trade Training Centre
invites applications
from students with a
keen interest in
automotive
engineering.

Automotive Engineers Program

DO YOU ...

- Think about a career in the automotive engineering and design industry?
- Have good problem-solving skills?
- Have good practical skills?
- Enjoy working in a team?
- Have a desire to learn about current engineering and design practice?

COURSE OVERVIEW

The certificate course provides the basic knowledge of practical skills at an entry level necessary to work effectively in the automotive engineering and design environment. Students will study basic engineering and design with an automotive focus.

Ford Australia has supported the course with the provision of class resources and the opportunity for students to visit Ford sites.

OUTCOMES

- Completion of a Certificate II in Engineering
- Equivalency to VCE Units 1, 2, 3, and 4
- A study score contributing towards your ATAR results.
- A unique insight into Ford Australia's engineering processes.
- Gain valuable work skills in an industry workplace.

ENROLMENT PREREQUISITES

Students must be currently enrolled at a senior secondary college. Students should be VCE enrolled and have a keen interest in the automotive industry and be supported by good literacy and numeracy levels. Year 10 students with a solid academic record will be considered. VCE-VM students aspiring to working the automotive field will be assessed on interview and/or school reference.

PATHWAYS

There are many broad career opportunities for students who have completed a VET Engineering Certificate, although this course has a strong automotive focus

TAFE: for certificate level courses

University: when combined with your VCE ATAR. Degree and Diploma courses available through most universities.

VET Engineering is approximately 40% theory and 60% practical

Further information: home school VET Coordinator or at GITTC Richard Ellson Indiana Avenue, Corio, 3214 Telephone (03) 52249700

richard.ellson@education.vic.gov.au

Applications only via your home school

NBC recognises the AQF qualifications and Statement of Attainments issued by other Registered Training Organisations.

RTO: Northern Bay P-12 College

RTO#: 22518

2025 Delivery*

22632VIC Certificate II in Engineering Studies

First Year Delivery (VCE Units 1 and 2)

First Year Delivery (VCE Units 1 and 2) 22632VIC

- VU23475 Safely use hand tools and hand-held power tools for general engineering applications.
- VU23476 Report on the sectors and employment in the manufacturing, engineering and related industries.
- VU23477 Interpret and prepare basic two- and three-dimensional engineering drawings.
- VU23478 Perform basic machining processes.
- VU23479 Apply basic fabrication techniques.
- VU23481 Apply occupational health and safety principles in an engineering workshop.

Second Year Delivery (VCE Units 3 and 4)

- MEMPE006 Undertake a basic engineering project.
- VU23480 Perform intermediate engineering computations.
- VU23482 Produce basic engineering components and products using fabrication and machining operations.

*Course delivery details subject to change

Queries regarding any fees payable for this course should be directed to the VET Coordinator at your home school.