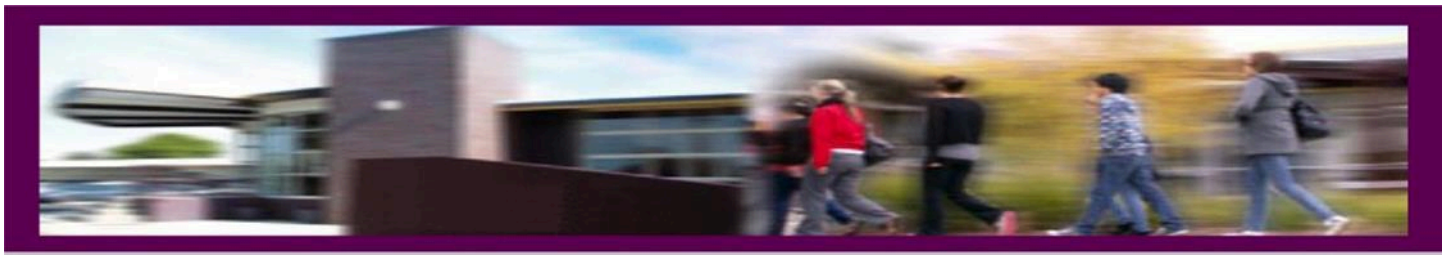

VET Engineering

22470VIC 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 engineering.

Engineering

DO YOU …

- Think about a career in the engineering industry?
- Have good hand eye coordination?
- Have good practical skills?
- Enjoy working in a team?
- Have a desire to work with up-to-date trade equipment?
- Want to broaden your skills for future employment?

OUTCOMES

- Completion of a Certificate II in Engineering
- Contributes to VCE with Units
- 1, 2, 3, and 4
- Eligible to gain a study score contributing towards your ATAR results.
- Credit towards a VCAL certificate
- Gain valuable work skills in an industry work place.

COURSE OVERVIEW

The course provides the basic knowledge of practical skills at an entry level necessary to work effectively in a wide range of engineering environments. Students will study basic engineering and perform practical hand skills as well as welding, lathe operation and milling. It focuses on four main areas: Production, Mechanical, Engineering and Fabrication.

ENROLMENT

There are no pre-requisites for VET Engineering first year. However, students must have a keen interest in the engineering industry and be supported by good literacy and numeracy levels with at least a pass at Year 9 level.

PATHWAYS

There are many career opportunities for students who have completed a VET Engineering Certificate, including
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

GITTC | GEELONG INDUSTRY TRADE TRAINING CENTRE

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

Applications only via your home school

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

RTO: Northern Bay College

RTO: 22518

2021 Delivery

22470VIC Certificate II in Engineering

First Year Delivery (VCE Units 1 and 2)

MEM13014A	Apply principles of Occupational Health & Safety in work environment
MEM18001C	Use hand tools
VU22329	Report on a range of sectors in the manufacturing, engineering and related industries
VU22330	Select and interpret drawings and prepare three dimensional (3D) sketches and drawings
VU22331	Perform basic machining processes
VU22332	Apply basic fabrication techniques
MEM18002B	Use power tools/hand held operations
VU22339	Create engineering drawings using computer aided systems

Second Year Delivery (VCE Units 3 and 4)

MEMPE006A	Undertake a basic engineering project
VU22333	Perform intermediate engineering computations
VU22334	Produce basic engineering components and products using fabrication and machining operations

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