



Bendigo Senior Secondary College RTO – 6659

## Certificate II in Engineering Studies – 22470VIC

### Course Overview

The aim of this course is to provide pre-employment training and a pathway into the engineering, manufacturing or related industries. Specifically, a graduate of this course will be eligible to undertake a work-based traineeship or apprenticeship in a range of engineering, manufacturing or related areas, enroll in Certificate III qualifications in the engineering, manufacturing or related areas- seek entry level employment in the engineering, manufacturing or related industries

Please note: This course is only open to Charlton College & affiliated enrolled students. The information on this page is relevant for 2023 enrolments.

### Course Structure

Year	UOC Code	UOC Name	Core (C)/Elective (E)
Year 1	MEM13014A	Apply principles of Occupational Health & Safety in the work environment	Core
Year 1	MEM18001C	Use hand tools	Core
Year 1	VU22329	Report on a range of sectors in the manufacturing, engineering and related industries	Core
Year 1	VU22330	Select and interpret drawings and prepare three dimensional (3D) sketches and drawings	Core
Year 1	VU22331	Perform basic machining processes	Core
Year 1	VU22332	Apply basic fabrication techniques	Core
Year 1	MEM18002B	Use power tools/hand held operation	Elective
Year 1	VU22336	Perform metal fabrication operations	Elective
Year 2	MEMPE006A	Undertake a basic engineering project	Core
Year 2	VU22333	Perform intermediate engineering computations	Elective
Year 2	VU22334	Produce basic engineering components and products using fabrication and machining operations	Elective

NB: Students completing this course will need to complete all Core units and a minimum of 4 elective units to be awarded the full Certificate. A total of 360 nominal hours is required for VCAA Unit 1, 2, 3 & 4 credits.

### Course Length, Contact Hours, Dates and Times

This course is only open to Charlton College & affiliated enrolled students.

2 years, scheduled as per the Charlton College class timetable for the 2024 school year, approximately 9am-3:30pm



## Cost & Fee Information

Schools provide students with free instruction and ensure students have free access to all items, activities and services that are used by the school to fulfil the standard curriculum requirements.

Charlton College provides students and families with an online personalised subject booklist, which outlines all required materials for each enrolled subject. This document breaks down the Voluntary Financial Contributions Schedule to assist with considerations about individual purchases of items for personal use, such as Personal Protective Equipment (PPE).

The Department of Education Parent Payment Policy is available:

<https://www2.education.vic.gov.au/pal/parent-payment/policy>

The Charlton Payment Policy is available:

<http://www.charlton.vic.edu.au/documents/>

Please contact your home school for booklist advice.

## Campuses & Delivery Mode

Charlton College TTC Campus with face-to-face delivery

## Career Pathways

This course provides participants with the knowledge, skill and competency that will enhance their training and employment prospects in the engineering industry

## Further Study

Students wanting to continue study in this area can commence an apprenticeship/traineeship and continue training in further qualifications such as:

- MEM30119 – Certificate III in Engineering – Production Systems
- MEM31719 – Certificate III in Engineering – Casting and Moulding Trade
- MEM31219 – Certificate III in Engineering – Industrial Electrician

Further study options sourced from [training.gov.au](http://training.gov.au)

## Entry Requirements

This course is only open to Charlton College & affiliated enrolled students. Before being accepted in this course, applicants should:

- Enrol in Charlton College (or affiliated school) as a VCE/VM student. Once enrolled,
- Review the Enrolment information
- Complete the LLN test
- Provide a [USI](http://www.usi.gov.au)

NB: Enrolment into this course may be limited due to class size and enrolment numbers.

## Assessment Methods

- Knowledge questions
- Practical Demonstrations



## Educational Support Services

### Welfare, Guidance and Student Support Services

Charlton College & affiliated schools and BSSC RTO students have access to a range of support services, connecting to Wellbeing, Course Counselling, Careers and Pathways advice, Workplace Learning Coordination, Student Engagement Coordinators, Advisors, ICT and Bring Your Own Device Help Desk and Library facilities and disability support services. Connection and contact details are available on the college website:

<http://www.charlton.vic.edu.au/contact-us/>

## Learners Rights & Responsibilities

These are outlined in the BSSC RTO Service Information. More information can be supplied via your classroom teachers or RTO administrator.

## Structured Workplace Learning (SWL)

SWL is recommended but not compulsory for this subject. BSSC will provide assistance with SWL with the support of the Workplace Learning Coordinators.

## Recognition of Prior Learning, Credit Transfer & National Recognition

The BSSC RTO recognises prior learning and knowledge, and this may result in credits towards a part or full qualification. Please see the BSSC RTO Service Information and/or your VET teacher for further information on this process.

## RTO Contact

For further Information, please contact

[RTOadmin@bssc.edu.au](mailto:RTOadmin@bssc.edu.au)