



Bendigo Senior Secondary College RTO – 6659

Certificate II in Engineering Studies – 22632VIC

Course Overview

The Certificate II in Engineering Studies is a pre-employment course designed to prepare participants for entry level employment such as an apprenticeship, in the engineering, manufacturing or related industries. The course is also a suitable prerequisite for persons who wish to undertake further study such as the Diploma of Engineering Technology.

Please note: This course is only open to BSSC enrolled students. The information on this page is relevant for 2024 enrolments. Please see the [BSSC Program Guide](#) for further information.

Course Structure

Year	UOC Code	UOC Name	Core (C)/Elective (E)
Year 1	VU23475	Safely use hand tools and hand held power tools for general engineering applications	Core
Year 1	VU23476	Report on the sectors and employment in the manufacturing, engineering and related industries	Core
Year 1	VU23477	Interpret and prepare basic two and three dimensional engineering drawings	Core
Year 1	VU23478	Perform basic machining processes	Core
Year 1	VU23479	Apply basic fabrication techniques	Core
Year 1	VU23481	Apply occupational health and safety principles in an engineering environment	Core
Year 2	VU23480	Perform intermediate engineering computations	Core
Year12	MEMPE006	Undertake a basic engineering project	Core
Year 2	VU23482	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 BSSC enrolled students.

2 years, scheduled as per the BSSC School 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.

BSSC 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 BSSC Payment Policy is available:

<http://www.bssc.edu.au/wp-content/uploads/2022/11/Parent-payment-policy-2023.pdf>

Booklist advice on BSSC website:

<http://www.bssc.edu.au/wp-content/uploads/2022/11/Final-Booklist-41122.pdf>

Campuses & Delivery Mode

BSSC 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

Entry Requirements

This course is only open to BSSC enrolled students. Before being accepted in this course, applicants should:

- Enrol in Bendigo Senior Secondary College as a VCE/VM student
- 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
- Product design and manufacture



Educational Support Services

Welfare, Guidance and Student Support Services

BSSC 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.bssc.edu.au/>

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