

VCE VET ENGINEERING STUDIES



The VCE VET Engineering Studies program provides students with the knowledge and skills to enhance their employment prospects in the Engineering or wider manufacturing industries. The Certificate II in Engineering Studies provides a pathway into an engineering apprenticeship. The Certificate III in Engineering Studies provides pathways into technician and para-professionals occupations within the engineering industry.

What qualification will I receive?

If you satisfactorily complete the VCE VET Engineering Studies program, you will receive either the 21566VIC Certificate II in Engineering Studies or the 21565VIC Certificate III in Engineering Studies. These nationally recognised qualifications are issued by the Registered Training Organisation (RTO).

What will I learn?

The VCE VET Unit 1-2 core units of competence include occupational health and safety, applying basic fabrication techniques and performing basic machining processes.

The VCE VET Unit 3-4 sequence incorporates core units such as producing basic engineering sketches and drawings and applying electrotechnology principles in an engineering work environment. Elective units include performing basic welding and thermal cutting processes to fabricate engineering structures, creating engineering drawings using computer aided systems and placing, assembling and/or fabricating engineering components by programming and operating robots.

What credit will I receive towards my VCE or VCAL?

VCE

You will be eligible for credit of up to four VCE VET units towards your VCE: two units at Unit 1-2 level and a Unit 3-4 sequence.

A Study Score is available for this program, which can contribute directly to your ENTER - either as one of your best four studies ('the primary four') or as your fifth or sixth study.

VCAL

The VCE VET Engineering Studies program (either partial or full completion) may contribute at the Foundation, Intermediate or Senior levels.

What career and/or employment opportunities will I have?

The Certificate II in Engineering Studies provides you with the skills to undertake a work-based engineering apprenticeship leading into a range of careers as an engineering tradesperson within the engineering and manufacturing industry. Occupations include roles for the conception, design, manufacture, assembly, installation, repair, replacement, packaging and sales of a wide range of products.

The Certificate III in Engineering Studies provides training in technical skills at the technician and para-professional level in disciplines including robotics, design, Computer Numerical Control (CNC) programming and CAD/CAM (Computer Aided Design/Computer Aided Manufacturing).

