

22632VIC

Certificate II in Engineering Studies

About

This introductory course equips you with knowledge and skills specific to the engineering industry and may contribute to gaining an apprenticeship in engineering (Certificate III level).

You will learn

- ◆ How to safely use hand and power tools for general engineering applications
- ◆ How to perform basic machining processes and undertake a basic engineering project.

Location and time

Sunshine Campus,
Wednesday, 8.30am–3pm

Duration

Two years part-time

Course fees

VU does not charge any fees to students directly to undertake VDSS with us. These fees are in line with the Department of Education & Training fee bands and are charged to the secondary school.

Please contact your secondary school VET Coordinator for course fees.

Program outcomes

Recognition of Units 1 and 2 and Units 3 and 4 sequence are successfully completed.

This program does not offer scored assessment.

Qualification

22632VIC Certificate II in Engineering Studies.

Where the full qualification is not completed, a Statement of Attainment is issued for passed units.

Equipment (student to supply)

- ◆ Overalls or work shirt and workpants with rule pocket
- ◆ Safety boots
- ◆ Earplugs
- ◆ Safety glasses
- ◆ Calculator
- ◆ Ballpoint pen and notebook
- ◆ Laptop or digital device to access resources

Course outline

Year 1		Year 2	
VU23475	Safely use hand tools and hand-held power tools for general engineering applications	VU23480	Perform intermediate engineering computations
VU23481	Apply occupational health and safety principles in an engineering environment	MEMPE006	Undertake a basic engineering project
VU23477	Interpret and prepare basic two and three-dimensional engineering drawings	VU23483	Perform metal machining operations
VU23478	Perform basic machining processes		
VU23479	Apply basic fabrication techniques		
VU23476	Report on the sectors and employment in the manufacturing, engineering, and related industries		

Structured Workplace Learning

The Victorian Curriculum and Assessment Authority (VCAA) has determined that Structured Workplace Learning (SWL) is a valuable component of all VDSS qualifications undertaken.

VCAA strongly recommends that students undertake a minimum of 80 hours of SWL over the duration of the VDSS Certificate II in Engineering Studies.

Further information regarding SWL is available at:

<https://www.vcaa.vic.edu.au/curriculum/vet/swl-vet/Pages/Index.aspx>

Secondary schools are required to organise the Structured Workplace Learning.

Contact

For further course information, contact VDSS@VU.edu.au.

VU TAFE pathways



*Both Certificate III qualifications listed are apprenticeship courses - you must be employed as an apprentice engineer to study them.