



MEM30505 Certificate III in Engineering - Technical

National ID: MEM30505 | State ID: W240

About this course

Are you ready to engineer a mechanically technical career?

Join an industry that is continually growing and evolving with new technologies! Students will learn theoretical components, as well as participating in hands-on workshop projects that will develop your skills and knowledge around general engineering concepts. These projects will help you develop your understanding of how drawings are transformed into buildings and manufactured items.

When you complete the Certificate III in Engineering - Technical you've laid the groundwork to a career in engineering drafting, or as an engineering associate.

Gain these skills:

- provide technical support in mechanical engineering research, design, operations, and maintenance
- technical drawing
- computer aided drafting
- materials testing
- hand tools
- measuring
- workplace health and safety

Specialist applied engineering facility at Munster campus

Students study this course at our state-of-the-art Applied Engineering building at Munster campus, featuring mechatronics labs and technical engineering workshop rooms. In our courses, you'll have access to modern equipment such as 3D printers, laser cutters, civil engineering compression labs to name just a few.

Overview

Semester 1, 2020

Munster - Full Time-Classroom



Duration: **1 Semester**



When: **Semester 1, 2020**



How: **Full Time**

Units

Core

National ID	Unit Title
MEM16006A	Organise and communicate information
MEM16008A	Interact with computing technology
MSAENV272B	Participate in environmentally sustainable work practices

Elective

National ID	Unit Title
MEM09002B	Interpret technical drawing
MEM09202A	Produce freehand sketches

National ID	Unit Title
MEM12023A	Perform engineering measurements
MEM12024A	Perform computations
MEM30031A	Operate computer-aided design (CAD) system to produce basic drawing elements
UEENEEE101A	Apply Occupational Health and Safety regulations, codes and practices in the workplace
UEENEEE104A	Solve problems in d.c. circuits

Entrance requirements

School Leaver	Non-School Leaver	AQF
OLNA or NAPLAN 9 Band 8	C Grades in Year 10 English and Maths or equivalent	Certificate I or Certificate II

This course is available as a traineeship.

Entrance requirements for traineeships

You must be employed in a training contract by an appropriate organisation to study an apprenticeship or traineeship.

In a traineeship you also gain hands-on skills and work experience, and improve your employment prospects, while earning a wage. On successful completion you will gain a nationally recognised qualification which can lead to rewarding career options. The difference between a traineeship and an apprenticeship is that a traineeship can be either a full time or part time employment based training arrangement, usually for a nominal duration of 12 months or more, generally in a non-trade related area.

To find out how to arrange a traineeship and study at South Metropolitan TAFE, please contact the [Jobs and Skills Centre](#) closest to you.

Study pathway



[Certificate III in Engineering - Technical](#)



[Diploma of Engineering - Technical](#)



[Advanced Diploma of Engineering](#)

Job opportunities



[Engineering Draftperson](#) [Engineering Associate](#)

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

SM TAFE actively promotes the employment availability of course graduates to key industry partners and organisations. We also seek expressions of interest from organisations for the placement of our students into work experience. We endeavour to assist students into a career pathway, but please be aware that neither employment nor work experience placement is guaranteed by us.

To access free career planning and job search assistance, visit the [Jobs and Skills Centres](#) page.

Fees and charges

Indicative fees and charges

[2019 general admission fees list](#)

[2019 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
- Based on full time study in 2019
- Charged at the government funded rate for over 18 years of age students
- Based on unit electives designed to meet localised industry demand for skills

- Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase text books or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply.

Visit our [Fees and payment options](#) page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

VET Student Loans

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our [Student Loans](#) page.

International students

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the [TAFE International WA](#) website.

Apprenticeships and traineeships

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our [Apprenticeships and traineeships](#) page.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) enrolments are charged at \$3.25 per nominal hour of study.

No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.



**South
Metropolitan**

*We're working for
Western Australia.*

Please note, fees are subject to change.



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