



MEM60112 Advanced Diploma of Engineering

National ID: MEM60112 | State ID: J368

About this course

Are you ready for a technically advanced engineering career?

When you complete the Advanced Diploma of Engineering you'll have analytical skills in mechanical engineering, as an engineering technician, detailed drafter, or maintenance technician.

You will gain the advanced skills and knowledge to carry out mechanical engineering drafting and design, analytical work involving manufacturing and fabrication techniques, understand the application of engineering principles, systems, and processes, draw and design mechanical equipment, maintain mechanical systems, and workplace health and safety.

Completion of the Advanced Diploma of Engineering opens up a range of further study options, and may produce advanced standing towards a university degree.

Overview

Entrance requirements

School Leaver

Non-School Leaver

AQF

Completion of WACE General or ATAR
(Minimum C Grades) or equivalent

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equivalent (minimum C Grades)

Certificate III

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.

Job opportunities

The Advanced Diploma of Engineering provides the formal technical education, which is necessary for engineering associates and engineering technicians. Among the skills you will develop are: - able to carry out mechanical engineering and design drafting; - engage in work which is basically analytical with a good background understanding of manufacturing and fabrication techniques; - develop a broad understanding of the applications of engineering principles, materials, systems, standards and processes. A significant feature of the qualification is its practical learning-by-doing project component. Graduates are typically employed in areas such as: - computer aided design and drafting - process plant drafting and design - machine drafting and design - air conditioning drafting and design - shipbuilding drafting and design - plant maintenance supervision (building on a trade background) - general engineering and technical positions - other technical areas

For information about jobs and pathways, please see <http://joboutlook.gov.au/>

Further study opportunities:

- University

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.

Please note, fees are subject to change.