



MEM20105 Certificate II in Engineering (Mechanical-Plant Mechanic Pre-Apprenticeship)

National ID: MEM20105 | State ID: AA48

About this course

Are you geared up for a big career working with the big gear?

When you complete the Certificate II in Engineering (Mechanical - Plant Mechanic Pre-Apprenticeship) you'll have what employers are looking for in a **heavy vehicle** or **plant mechanic** apprentice.

You will have the skills and knowledge to work effectively in the heavy automotive industry working on:

- **loaders**
- **bulldozers, dump trucks** and **haul trucks**
- inspecting and **servicing transmissions**
- **steering**
- **brakes**
- **fuel injection** systems
- **hydraulics** and **batteries**
- troubleshooting basic faults and
- workplace safety and health

Overview

Semester 1, 2020

Thornlie - Full Time-Classroom-Pre-Apprenticeship



Duration: **1 Semester**



When: **Semester 1, 2020**



How: **Full Time**

Units

Core

| National ID | Unit Title |
|-------------|--|
| AW866 | Module 1 (placement arranged) |
| AW867 | Module 2 (commenced) |
| AW868 | Module 3 (mid-point) |
| AW869 | Module 4 (completed) |
| MEM13014A | Apply principles of occupational health and safety in the work environment |
| MEM14004A | Plan to undertake a routine task |
| MEM15002A | Apply quality systems |
| MEM15024A | Apply quality procedures |
| MEM16007A | Work with others in a manufacturing, engineering or related environment |

Elective

| National ID | Unit Title |
|-------------|--|
| AURTTA002 | Assist with automotive workplace activities |
| MEM05007C | Perform manual heating and thermal cutting |
| MEM05050B | Perform routine gas metal arc welding |
| MEM09002B | Interpret technical drawing |
| MEM12023A | Perform engineering measurements |
| MEM12024A | Perform computations |
| MEM16006A | Organise and communicate information |
| MEM18001C | Use hand tools |
| MEM18002B | Use power tools/hand held operations |
| MEM18024B | Maintain engine cooling systems |
| MEM18055B | Dismantle, replace and assemble engineering components |

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 |

Study pathway



[Certificate II in Engineering \(Mechanical-Plant Mechanic Pre-Apprenticeship\)](#)



[Certificate IV in Engineering \(Maintenance\)](#)

Job opportunities



[Machine Operator](#)

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.

Please note, fees are subject to change.