



# 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, 2019

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#### Thornlie Campus - Full Time-Classroom-Pre-Apprenticeship



Duration: **1 Semester**



When: **Semester 1, 2019**



How: **Full Time**

## Units

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### Core

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

## Elective

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

## 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.**