



MEM20105 Certificate II in Engineering

National ID: MEM20105 | State ID: W233

About this course

Explore your options in the diverse engineering industry.

The Certificate II in Engineering provides participants with an overview of a range of specialist areas within the metals and engineering industry.

Participants will learn skills in:

- Using tools
- Measuring and calculating
- Technical drawing and drafting
- Load shifting
- Thermal cutting
- Using forging and casting equipment
- Welding

Participant will also learn about safety in the workplace, computing and maths. Participants will be able to practice the skills they have learned in a workshop environment.

This course is available at other campus locations upon request.

Overview

Available all year, 2019

Broome Campus - Qualification details

-  Duration: **6 Months**
-  When: **Available all year**
-  How: **Face-to-face block delivery**
Face-to-face classroom delivery
Face-to-face classroom/campus delivery
Full-time
Mixed mode
Part-time

Units

This is a suggested study plan. North Regional TAFE offers a variety of alternative units, and packaging rules apply to these selections. Your unit options will be discussed with you prior to enrolment.

Students must successfully complete 5 core and elective units totalling 24 points to be awarded this qualification.

Core

National ID	Unit Title
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
MEM03003B	Perform sheet and plate assembly
MEM05004C	Perform routine oxy acetylene welding
MEM05005B	Carry out mechanical cutting
MEM05006C	Perform brazing and or silver soldering
MEM05007C	Perform manual heating and thermal cutting
MEM05012C	Perform routine manual metal arc welding
MEM05050B	Perform routine gas metal arc welding
MEM09002B	Interpret technical drawing
MEM11011B	Undertake manual handling
MEM12023A	Perform engineering measurements
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations

Study pathway



[Certificate III in Engineering - Fabrication Trade](#)



[Certificate III in Engineering - Industrial Electrician](#)

Please note: Students must be engaged in a training contract with an employer in order to undertake the Certificate III in Engineering - Mechanical, Fabrication or Industrial Electrician qualifications, which are apprenticeship-only courses.

Job opportunities

- Trades assistant
- Pathway into an apprenticeship as an electroplater, surface finisher, foundry worker, plant mechanic or ship builder
- Pathway into an engineering traineeship

Fees and charges

North Regional TAFE's **indicative fees for 2019** are available [here](#). These fees are indicative for local students enrolling full-time in Government-funded courses. Fees are calculated based on individual circumstances at the time of enrolment. Concessions for eligible certificate I - IV level courses, annual fee caps and other charges may apply.

For more information, please click [here](#).

VET Student Loans

VET Student Loans is an income contingent loan support available to eligible students studying a diploma level or above qualification. For more information, please click [here](#).

International student fees

Fees, charges, available locations, applications, and enrolment procedures for international students are different to those applicable to local students. Please visit the [TAFE International WA website](#) to confirm available courses and fees. Tuition fees are paid through TIWA.

Please note, fees are subject to change.