



MEM30505 Certificate III in Engineering - Technical

National ID: MEM30505 | State ID: W240

About this course

An introduction to the work performed by engineering associates assisting professional engineers

In 20 weeks with us, you'll become familiar with **CAD packages** and how to **set out engineering drawings according to Australian Standards**.

You will participate in **hands on workshop projects** that will introduce you to **general engineering concepts** which are essential for diploma level engineering courses.

These projects will help you develop your understanding of how drawings are transformed into buildings and manufactured items.

Gain these skills

- AutoCAD
- Basic calculations
- Sustainability concepts
- Modern office practices and communication
- Safety and quality controls

Is this course right for me?

I have the following attributes:

- An interest in engineering and technical work
- Creative flair and designing abilities
- Good problem solving skills
- Attention to detail

Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey.

This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

Semester 2, 2020

East Perth - On Campus



Duration: **1 Semester/s**



When: **Semester 2, 2020**



How: **On campus**

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
MEM09201A	Work effectively in an engineering drafting workplace
MEM09202A	Produce freehand sketches
MEM12023A	Perform engineering measurements
MEM12024A	Perform computations
MEM18001C	Use hand tools

National ID

Unit Title

MEM30031A

Operate computer-aided design (CAD) system to produce basic drawing elements

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

Further study

North Metropolitan TAFE offers you a range of further study opportunities, see below for a list of related courses.

Job opportunities



[Mechanical Engineering Draftpersons and Technicians](#) [Civil Engineering Draftpersons and Technicians](#)

Other job titles may include:

- Draftperson
- Production Scheduler Assistant

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

Important information

This course will be run at our East Perth campus with some lab work based at NMT's Perth campus (30 Aberdeen St building).

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units

you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.