

MEM30205F CERTIFICATE III IN ENGINEERING

MECHANICAL TRADE - MACHINING

Study With Axial Training To Get The Skills and Succeed



The MEM30205F Certificate III in Engineering - Mechanical Trade (Machining) qualification provides the knowledge and skills for an apprentice to create and modify components and parts made (primarily) of metal, plastic, or wood.

This course also provides the skills to follow technical drawings, and design, assemble, manufacture and install components in mechanical equipment. Fault-finding, maintenance and servicing of the relevant equipment is also covered.

Study Mode	Workplace & Online
Duration of Course	Up to 48 Months
Total Units	28 + [24 Core & Elective Points - see over]



Entry Requirements



Minimum Age

You will need to be at least 16 years old. If you are under 18 your enrolment form will need to be signed by a parent or guardian.



Requirements

You will need to have access to a Lap Top or Desk Top Computer with working speakers or headphones and a suitable, reliable internet connection.



Career Outcomes

- Fitter Machinist
- Fitter and Turner
- Mechanical Fitter
- Maintenance Fitter

MEM30205F

CERTIFICATE II IN ENGINEERING

MECHANICAL TRADE - MACHINING



Pathways To Further Study

Certificate IV in Engineering

Course Units

Core:

MEM13014A	Apply principles of OH&S in the work environment.	MEM15002A	Apply quality systems.
MEM16007A	Work with others in a manufacturing, engineering or related environment.	MEM15024A	Apply quality procedures.
MEM14004A	Plan to undertake a routine task.	MEM14005A	Plan a complete activity.
MEM16006A	Organise and communicate information.	MEM16008A	Interact with computing technology.
MSAENV272B	Participate in environmentally sustainable work practices.	MEM12023A	Perform engineering measurements.
MEM17003A	Assist in the provision of on the job training.	MEM12024A	Perform computations.

[Elective A at least 40 points, Electives A+B at least 73 points]

Elective A:

MEM18001C	Use hand tools.	2 pts
MEM18002B	Use power tools/hand held operations.	2 pts
MEM09002B	Interpret technical drawing.	4 pts
MEM12006C	Mark off/out (general engineering).	4 pts
MEM18011C	Shut down isolate machines/equipment.	2 pts
MEM07005C	Perform general machining.	8 pts
MEM07008D	Perform grinding operations.	4 pts
MEM07015B	Set computer controlled machines/processes.	2 pts
MEM18055B	Dismantle, replace and assemble engineering components.	3 pts
MEM07006C	Perform lathe operations.	4 pts
MEM07007C	Perform milling operations.	4 pts
MEM07016C	Set and edit computer controlled machines/processes.	4 pts
MEM12003B	Perform precision mechanical measurement	2 pts
MEM18003C	Use tools for precision work.	4 pts
MEM07018C	Write basic NC/CNC programs	4 pts
MEM18006C	Repair and fit engineering components.	6 pts

Elective B :

MEM11011B	Undertake manual handling.	2 pts
MEM13003B	Work safely with industrial chemicals and materials	2 pts
MEM05012C	Perform routine manual metal arc welding.	2 pts
MEM05050B	Perform routine gas metal arc welding.	2 pts
MEM05005B	Carry out mechanical cutting.	2 pts
MEM05006c	Perform brazing and or silver soldering.	2 pts
MEM05007C	Perform manual heating and thermal cutting.	2 pts

connect with us for more



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