

MEM20105

CERTIFICATE II IN ENGINEERING

PRODUCTION

Study With Axial Training To Get The Skills and Succeed



This Certificate II traineeship will give you the base level skills, knowledge and competencies required to work in an engineering workshop or factory.

As well as acquiring basic trade skills such as machining, fabrication and using hand and power tools, you will also develop a sound knowledge of workplace communication, occupational health and safety, quality procedures and industry specific production processes.

Trainees will complete a range of subjects including:

- hand and power tools
- principles of OH&S in the work environment
- engineering measurements
- welding practices

Study Mode	Workplace & Online
Duration of Course	Up to 12 Months
Total Units	34 [5 Core & 29 Elective]



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

CNC Machine Operator
Production Machinist
Foundry Worker

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Pathways To Further Study

Certificate III in Engineering

Certificate IV in Engineering

Course Units

Core:

MEM13014A	Apply principles of OH&S in the work environment
MEM15002A	Apply quality systems
MEM15024A	Apply quality procedures
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM14004A	Plan to undertake a routine task

Elective:

MEM12023A	Perform engineering measurements	MEM17003A	Assist in the provision of on the job training
MEM18001C	Use hand tools	MEM18002B	Use power tools/hand held operations
MSAENV272B	Participate in environmentally sustainable work practices	MEM03001B	Perform manual production assembly
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
MEM05049B	Perform routine gas tungsten arc welding	MEM05050B	Perform routine gas metal arc welding
MEM07001B	Perform operational maintenance of machines/equipment	MEM07024B	Operate and monitor machine/process
MEM08010B	Manually finish/polish materials	MEM09002B	Interpret technical drawing
MEM11011B	Undertake manual handling	MEM12001B	Use comparison and basic measuring devices
MEM12024A	Perform computations	MEM13003B	Work safely with industrial chemicals and materials
MEM14005A	Plan a complete activity		
MEM16006A	Organise and communicate information		
MEM16008A	Interact with computing technology		
MEM18024B	Maintain engine cooling systems		
MEM18026C	Test compression ignition fuel systems		
MEM18028B	Maintain engine lubrication systems		
MEM18055B	Dismantle, replace and assemble engineering components		

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