



MEM20219

CERTIFICATE II IN ENGINEERING

PRODUCTION TECHNOLOGY

Study With Axial Training To Get The
Skills and Succeed

This Certificate II traineeship will give students the base level skills, knowledge and competencies required to work in an engineering workshop or factory. MEM20219 Certificate II in Engineering - Production Technology has been developed for those who would like to gain entry-level employment into the metals, engineering and associated industries.

Trainees who undertake this traineeship will be able to achieve outcomes based on the manufacturing, engineering, production and/or process industries. Trainees will primarily be engaged in production work, including the set up and operation of:

- automatic, semi-automatic, single purpose and computer numeric (CNC) machines
- production lathes, welding processes and major manufacturing production lines
- monitoring, servicing, repairing and assembly of mechanical, fabrication, electrical and metal product machines.

This training is subsidised by the NSW Government

Study Mode	Workplace & Online
Duration of Course	Up to 24 Months
Total Units	24 [7 Core & 17 Elective]



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

Metal Engineering Worker
Engineering Process Worker
Production Machinist
Foundry Worker





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Pathways To Further Study

Certificate III in Engineering

Certificate IV in Engineering

Course Units

Core:

MEM13015	Work safely and effectively in manufacturing and engineering
MEM16006	Organise and communicate information
MEM11011	Undertake manual handling
MEM12023	Perform engineering measurements
MEM18001	Use hand tools
MSMENV272	Participate in environmentally sustainable work practices
MEM17003	Assist in the provision of on-the-job training

Elective:

MEM16008	Interact with computing technology
MEM12024	Perform computations
MEM18002	Use power tools/hand held operations
MEM14006	Plan work activities
MEM09002	Interpret technical drawing
MEM03001	Perform manual production assembly
MEM03003	Perform sheet and plate assembly
MEM05005	Carry out mechanical cutting
MEM05003	Perform soft soldering
MEM05007	Perform manual heating and thermal cutting
MEM05012	Perform routine manual metal arc welding
MEM05049	Perform routine gas tungsten arc welding
MEM05050	Perform routine gas metal arc welding
MEM13003	Work safely with industrial chemicals and materials
MEM08010	Manually finish/polish materials
MEM15004	Perform inspection
MEM05006	Perform brazing and/or silver soldering

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