

MEM20205

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. MEM20205 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

Study Mode	Workplace & Online
Duration of Course	Up to 24 Months
Total Units	27 [13 Core & 14 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 Laptop 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

MEM2025

CERTIFICATE II IN ENGINEERING

PRODUCTION TECHNOLOGY



Pathways To Further Study

Certificate III in Engineering

Certificate IV in Engineering

Course Units

Core:

MEM15002A	Apply quality systems
MEM13014A	Apply principles of occupational health and safety in the work environment
MEM14004A	Plan to undertake a routine task
MSAENV272B	Participate in environmentally sustainable work practices
MEM15024A	Apply quality procedures
MEM16006A	Organise and communicate information
MEM16007A	Work with others in a manufacturing, engineering or related environment
MEM17003A	Assist in the provision of on the job training
MEM12023A	Perform engineering measurements
MEM18002B	Use power tools/hand held operations
MEM18001C	Use hand tools
MEM09002B	Interpret technical drawing
MEM12024A	Perform computations

Elective:

MEM11011B	Undertake manual handling
MEM03003B	Perform sheet and plate assembly
MEM05012C	Perform routine manual metal arc welding
MEM05050B	Perform routine gas metal arc welding
MEM05051A	Select welding processes
MEM05004C	Perform routine oxy acetylene welding
MEM05005B	Carry out mechanical cutting
MEM07005C	Perform general machining
MEM18003C	Use tools for precision work
MEM05049B	Perform routine gas tungsten arc welding
MEM18055B	Dismantle, replace and assemble engineering components
MEM05052A	Apply safe welding practices
MEM05017D	Weld using gas metal arc welding process
MEM05015D	Weld using manual metal arc welding process

connect with us for more



33 Brandl Street, Eight Mile Plains 4113

382 Sturt St, Townsville 4810

www.axial.edu.au