



MEM30219C CERTIFICATE III IN ENGINEERING

MECHANICAL TRADE - MACHINING

Study With Axial Training To Get The
Skills and Succeed



The MEM30219C 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	30 (12 Core & 18 Elective)



Entry Requirements



Employment

This accredited qualification is delivered as an Australian Apprenticeship.

Accordingly, you will need employment as an Apprentice at a suitable employer with a nominated Supervisor who holds this qualification (or recognised equivalent).



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





MEM30219C

CERTIFICATE II IN ENGINEERING

MECHANICAL TRADE -
MACHINING



Pathways To Further Study

Certificate IV in Engineering

Course Units

Core:

- MEM11011 Undertake manual handling
- MEM13015 Work safely and effectively in manufacturing and engineering
- MEM17003 Assist in the provision of on-the-job training
- MSMENV272 Participate in environmentally sustainable work practices
- MEM12024 Perform computations
- MEM18002 Use power tools/handheld operations
- MEM12023 Perform engineering measurements
- MEM16006 Organise and communicate information
- MEM18001 Use hand tools
- MEM09002 Interpret technical drawing
- MEM16008 Interact with computing technology
- MEM14006 Plan work activities

Elective :

- MEM12002 Perform electrical/electronic measurement
- MEM12003 Perform precision mechanical measurement
- MEM18003 Use tools for precision work
- MEM07005 Perform general machining
- MEM18055 Dismantle, replace and assemble engineering components
- MEM07015 Set computer controlled machines and processes
- MEM07016 Set and edit computer controlled machines and processes
- MEM07018 Write basic NC and CNC programs
- MEM05005 Carry out mechanical cutting
- MEM05007 Perform manual heating and thermal cutting
- MEM12006 Mark off/out (general engineering)
- MEM18006 Perform precision fitting of engineering components
- MEM10002 Terminate and connect electrical wiring
- MEM18011 Shut down and isolate machines/equipment
- MEM07006 Perform lathe operations
- MEM07007 Perform milling operations
- MEM07008 Perform grinding operations
- MEM07010 Perform tool and cutter grinding operations

CONNECT WITH US FOR MORE



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