



MEM31922C CERTIFICATE III IN ENGINEERING

FABRICATION TRADE - [BOILERMAKING / WELDING]

Study With Axial Training To Get The
Skills and Succeed



This course is for those employed as an apprentice in the manufacturing, engineering and related industry areas.

Apprentices will acquire skills and knowledge in workplace communication, workplace health and safety, quality procedures systems and planning, engineering measurement, computations and computer technology.

Industry-specific skills in welding and boiler making that are relevant to either current or intended employment will also be taught.

Study Mode	Workplace & Online
Duration of Course	Up to 48 Months
Total Units	29 [12 Core & 17 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

- Steel Fabricator
- Welder
- Boilermaker





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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 :

- MEM13003 Work safely with industrial chemicals and materials
- MEM05005 Carry out mechanical cutting
- MEM05007 Perform manual heating and thermal cutting
- MEM05085 Select welding processes
- MEM05052 Apply safe welding practices
- MEM05012 Perform routine manual metal arc welding
- MEM05050 Perform routine gas metal arc welding
- MEM05049 Perform routine gas tungsten arc welding
- MEM05090 Weld using manual metal arc welding process
- MEM05091 Weld using gas metal arc welding process
- MEM05092 Weld using gas tungsten arc welding process
- MEM05037 Perform geometric development
- MEM12007 Mark off/out structural fabrications and shapes
- MEM03003 Perform sheet and plate assembly
- MEM05089 Assemble fabricated components
- MEM05010 Apply fabrication, forming and shaping techniques
- MEM05094 Repair, replace and/or modify fabrications

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