

# ENGINEERING



**Metal and  
Engineering Apprenticeships:**  
[www.migas.com.au](http://www.migas.com.au) | 1300 464 427



# Training Snapshot



4 year apprenticeship



Completion of Vocational qualification at Certificate level



Specialisations available in this field



Trade support loans and government incentives available for eligible applicants

# Personal Attributes



Analytical thinker



Normal colour vision



Manual dexterity



Attention to detail

# Career Outcomes



A variety of specialisations fall under the Metal and Engineering apprenticeships category and open up a wide array of career opportunities.



Fabrication engineering tradespeople cut, shape, join and finish metal to make, maintain or repair metal products and structures. They may produce moulds or patterns for metal castings, apply coatings and work with a variety of materials. This highly practical skill set is required in manufacturing and engineering sectors.



Employment as an electrical engineering tradesperson can be found in the manufacturing sector and includes the design, assembly, manufacture, installation, modification, testing, fault finding, commissioning, maintenance and service of electronic device systems, equipment and controls. Training develops skills in electrical wiring, motors, generators, and other electronic controls, instruments, refrigeration, telecommunications, radio and television, communication and information processing.



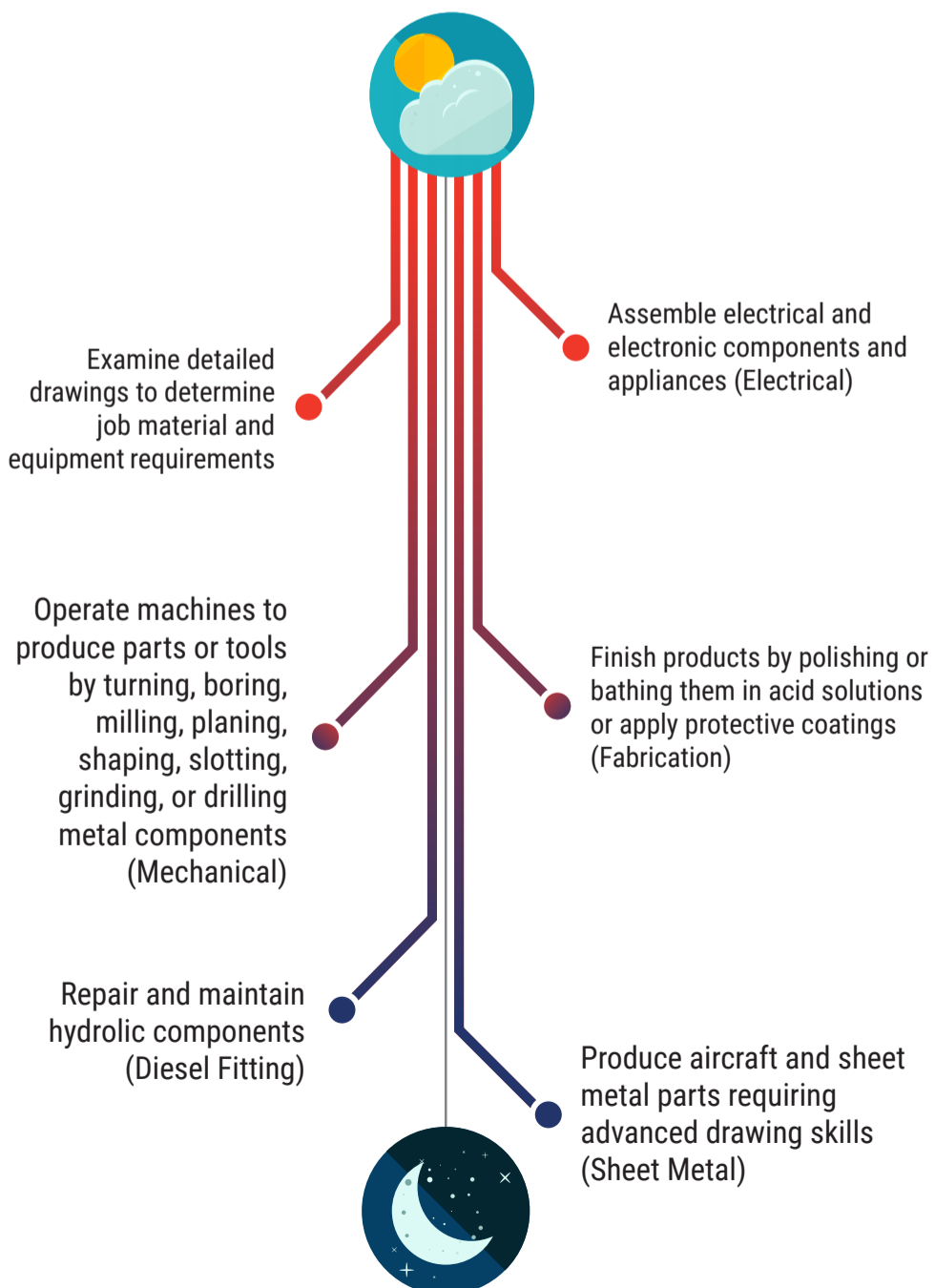
Mechanical engineering tradespeople carry out a range of mechanical work on machines, subassemblies and manufactured parts using a range of processes, tools and machines. Employment outcomes related to this qualification are found in a wide variety of manufacturing and engineering related sectors.

“It allows you to perform more exotic welding of aluminium, stainless steel and even titanium. The things you can make with it blow my mind.”

-Brendan Eccleston  
Boilermaking Apprentice



# A Day on the Job



# Trade Specialisations

## Fabrication Engineer

- Casting and Moulding
- Sheet Metal
- Pattern Making
- Boiler Making
- Welding
- Surface Finishing

## Mechanical Engineer

- Refrigeration and Air-Conditioning
- Tool Making
- Machining
- Diesel Fitting
- Fitting and Turning

## Electrical Engineer

- Electrical Fitter
- Electrical Mechanic
- Marine Electrical Mechanic



# Find Out More

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