

**WORKING
FOR
GROWING**

INDUSTRY

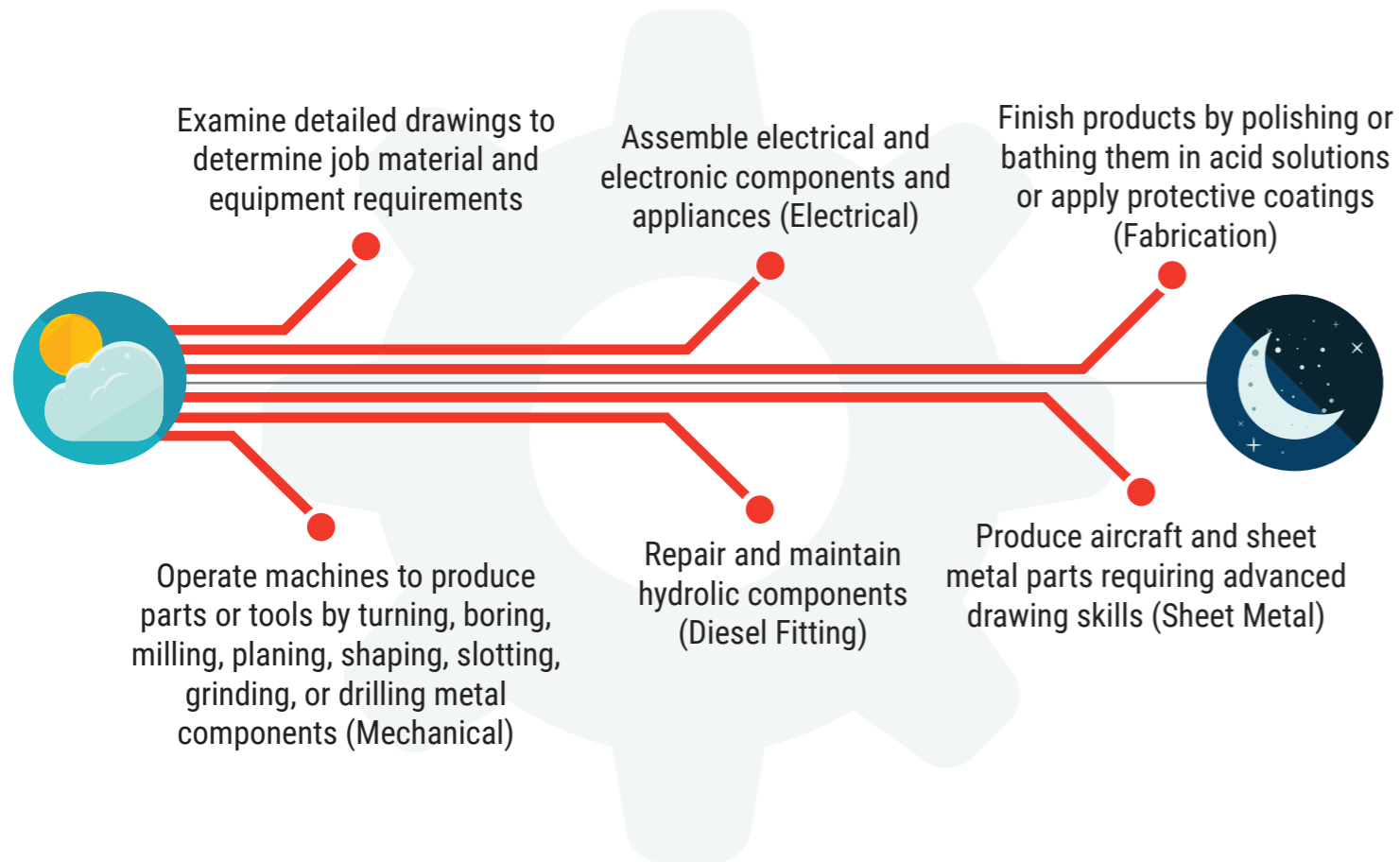
METAL & ENGINEERING JOBS AT:

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MIGAS
APPRENTICES & TRAINEES



A DAY ON THE JOB



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.



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 as well as Engineering Tradesperson - Mechanical roles in other industries.



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 by employers across the 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 all electrical and electronic device systems, equipment and controls. Training in this specialisation develops skills in electrical wiring, motors, generators, and other electronic controls, instruments, refrigeration, telecommunications, radio and television, communication and information processing.

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

“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**

**FIND OUT
MORE AT:**

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