

Metal and Engineering Job Pathways

MEM05

Potential Australian Apprenticeships Job Outcomes

Further Job & Study Options

Stream	Certificate II	Certificate III	Certificate IV	Diploma	Advanced Diploma
	➔➔➔	➔➔➔	➔➔➔	➔➔➔	➔➔➔
Mechanical	<ul style="list-style-type: none"> • CNC Operator • Equipment Maintainer • Equipment Repairer 	<ul style="list-style-type: none"> • Trade Machinist • Fluid Power Mechanic • Maintenance Mechanic • Plant Mechanic • Mechanical Fitter • Tool and Die Maker • Metal Machinist (First Class) – Engineering • Toolmaker • Fitter - Metal • Air Conditioning / Refrigeration Tradesperson 	<ul style="list-style-type: none"> • Fluid Power Systems • Advanced Mechanical Maintenance • Advanced Toolmaker • Maintenance Supervisor • Instrument Technician • Service Technician • Engineering Detail Draftsperson 	<ul style="list-style-type: none"> • CNC/Robotic Cell Designer • Development Engineer • Mechatronics Technician • Maintenance Systems Designer • Mechatronics Design • CAM Designer • Advanced Engineering Tradesperson - Mechanical • Aeronautical Engineering Technician • Avionic Engineering Technician 	<ul style="list-style-type: none"> • Design Engineer • Para-professional – Maintenance Engineering • Para-professional – Mechanical Engineering • Para-professional Mechatronics Engineering • Engineering Associate - Mechanical
Technical	<ul style="list-style-type: none"> • Electrical/Electronic Production Technology Worker 	<ul style="list-style-type: none"> • Assistant Production Scheduler • Preventative Maintenance Technician • Quality Control Officer • Laboratory Assistant 	<ul style="list-style-type: none"> • Materials Tester • Technical Salesperson • Materials Estimator • Metrology Lab Technician • Production Planner • Quality Auditor • Shift Supervisor • Training Coordinator • Apprentice Master • Non-Destructive Testing Technician 	<ul style="list-style-type: none"> • Supply Chain Manager • Works/Site Manager • Shift Manager • Metallurgist • Industrial Engineering Technician • Metrologist • Manufacturing Systems Designer • Quality Assurance Engineer • Training Designer • Mechanical Engineering Technician 	<ul style="list-style-type: none"> • Metallurgist • Operations Manager • Production Manager • Design Draftsperson • Project Manager

Entry may be at any qualification level. People holding lower level qualifications may be given credit toward higher level qualifications. People with prior experience may undertake a 'Recognition of Prior Learning' assessment to gain credit toward a qualification.

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Contacts

Industry Skills Council: Manufacturing Skills Australia
Website: www.mskills.com.au
Ph: 1800 358 458 **Fax:** (02) 9955 8044
Email: info@mskills.com.au



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Production Systems	<ul style="list-style-type: none"> • General Engineering Worker • Warehouse Storeperson • Warehouse Packer • Warehouse Packaging Equipment • Warehouse Waste Control • Warehousing (General) • Warehousing Operator • Metal Finishing (General) • Metal Finisher (Production) • Metal Finishing (Blast Coater) • Powder Coater • Materials Handling (General) • Production Machinist • Production Assembly Worker • Production Lathe Operator • Plastics (Composites) Worker • Plastics Extrusion Operator • Plastics Production Worker (Injection/Blow Moulding) • Plastics Thermoforming Worker • Metal Fence Maker • Automotive Components Production Worker • Press Operator • CNC Machine Operator • Heat Treatment Worker (Prod.) • Injection/Blow Moulding Machine Operator • Electrical Production Worker • Engineering Production Worker 	<ul style="list-style-type: none"> • Production Machine Setter/Operator • Surface Finishing Technician • CAM Programmer • Materials Handler (Specialised) • Team Leader 	<ul style="list-style-type: none"> • Production Scheduler • Purchasing Officer • Quality Coordinator • Robotics Technician • Manufacturing Cell Installer • Warehouse Controller • Materials Handling Planner • Quality Assurance Inspector • Production Technician • Team Leader 	<ul style="list-style-type: none"> • Robotic System Designer • Production Systems Engineer • Quality Assurance Officer • Calibration Engineer • Production Planner 	<ul style="list-style-type: none"> • Para-professional – Manufacturing Operations Engineer • Para-professional – Design Engineer • Purchasing Manager • Quality Systems Manager

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Fabrication	<ul style="list-style-type: none"> Aluminum Anodising Aluminum Fabrication Production Worker Scrap Metal Recycle Worker Production Sheet Metal Worker Production Welder (General Fabrication) Production Welder (Light Fabrication) Foundry Worker (General Fettling) Foundry Worker (General) Foundry Worker (Moulding) Die Casting (Production) Pressure Die Casting Machine Operator 	<ul style="list-style-type: none"> Foundry Tradesperson (Moulder) Boilermaker Boilermaker/Welder Sheetmetal Worker (First Class) Welder (First Class) - Engineering Metal Fabricator (Boilermaker) Pressure Welder - Engineering 	<ul style="list-style-type: none"> Advanced Fabrication (Structural) Model Maker Welder (Structural) Pressure Welder Structural Detail Draftsperson 	<ul style="list-style-type: none"> Non-Destructive Testing Technician Welding Inspector Welding Supervisor 	<ul style="list-style-type: none"> Para-professional – Structural Engineer Structural Design Draftsperson
Electrical/Electronic	<ul style="list-style-type: none"> Electrical/Electronics Assembly Worker Refrigeration/Air Conditioning Unit Servicing Worker 	<ul style="list-style-type: none"> Electrical Instrument Tradesperson - Engineering Electronic Equipment Tradesperson - Engineering Air Conditioning & Refrigeration Mechanic – Engineering Trade 	<ul style="list-style-type: none"> Mechatronics Technician Robotics Technician Instrument Technician Service Technician Electrical / Electronic Detail Draftsperson Electrical Maintenance Electronic Maintenance 	<ul style="list-style-type: none"> Electrical Systems Designer Mechatronics Technician Electrical Technician Electronics Technician Instrumentation Technician 	<ul style="list-style-type: none"> Para-Professional – Mechatronics Engineering Para-professional Electrical Engineer Para-professional – Electronics Engineer

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Jewellery Manufacturing	<ul style="list-style-type: none"> Polisher Jewellery Caster Surface Finishing Employee 	<ul style="list-style-type: none"> Jewellery Tradesperson Silver Smith Goldsmith 	<ul style="list-style-type: none"> Jewellery Repairer 	<ul style="list-style-type: none"> Jewellery Designer 	
Recreational Boating	<ul style="list-style-type: none"> Marina Worker Marine Craft Construction (Production) Employee 	<ul style="list-style-type: none"> Boat Builder & Repairer (Moulding & Fibreglass) Boat Builder & Repairer (Wooden Craft) Boat Repair Boat Builder & Repairer/Serviceing (Hulls & Decking) Boat Builder & Repairer/Serviceing (Pre Voyage Preparation) Boating Maintenance Hand Ship Builder Sail Maker Chandlery/Retailer 	<ul style="list-style-type: none"> Boating Operator – Assistant Advanced Boating Services Operator Marina/Slipway Supervisor 	<ul style="list-style-type: none"> Marine Vessel Designer Marine Engineering Draftsperson 	
Locksmith		<ul style="list-style-type: none"> Locksmith (Electronic Systems) Locksmith (General) 			

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