



DEFENCE INDUSTRY TRADE TRAINING

With more than two decades of working in the defence shipbuilding and sustainment industry, South Metropolitan TAFE (SM TAFE) has a proven track record of producing job-ready workers. Naval Base Campus is the only vocational training provider in Western Australia to be recognised by the Naval Shipbuilding College, with formal endorsement of the Certificate III Engineering Fabrication Trade course.

SM TAFE works in close partnership with the defence industry to service its expansive need for skilled trade workers. We support the industry to attract, train, retain and re-train skilled workers and our pathway programs bring together schools, TAFE and higher education. Our nationally accredited courses can be customised to suit employers' needs.

SM TAFE's focus is providing training for defence industry jobs in immediate demand. This includes engineering and trade occupations such as welding, heavy fabrication and fitting.

Our facilities are world-class, providing students with hands-on experience in a real-life industry setting.

RECOGNITION OF PRIOR LEARNING (RPL)

Recognition of Prior Learning (RPL) allows individuals to have their work experience recognised towards a national qualification or statement of attainment. Credits may apply towards a qualification if the skills and experience meet industry standards. This means

students have the potential to complete a qualification in a shorter period, avoid studying topics where they already have skills and save money.

TRAINING AND CAREER ADVICE

A dedicated defence industry team is available at the Rockingham Jobs and Skills Centre to provide advice about jobs, careers, and training pathways into the defence industry.

All services are free, and available to anyone in WA!

To contact the team; call or email, or drop in for a chat.

Phone: 08 9599 8655

Email: defence.careers@smtafe.wa.edu.au

South Metropolitan TAFE, Rockingham campus
Building G – Simpson Avenue Rockingham

PATHWAYS TO SUCCESS

From ship master to welder, there are many SM TAFE pathway programs leading to qualifications and successful careers in defence (see over).

DEFENCE INDUSTRY STUDY AREAS

APPLIED ENGINEERING	COMPOSITES TRADE	LOGISTICS AND WAREHOUSING	SHIPBUILDING
AUTOMATION	CYBER SECURITY	MARITIME STUDIES	SUBMARINE MAINTENANCE
AVIATION	DEFENCE INDUSTRY TRADES (INCLUDING FABRICATION & WELDING)	REFRIGERATION AND AIR CONDITIONING	

See over | ...

JOB ROLES	PATHWAY COURSE	CAREER ENTRY-LEVEL QUALIFICATION
Machinist (manual, first class and CNC)	MEM20105 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship)	APPRENTICESHIP: MEM30205 Certificate III in Engineering - Mechanical Trade (First Class Machinist) POST TRADE: MEM40105 Certificate IV in Engineering (Computer Numerical Control)
High-end CNC programmer/operator	MEM20105 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship)	APPRENTICESHIP: MEM30205 Certificate III in Engineering - Mechanical Trade (First Class Machinist) POST TRADE: MEM40105 Certificate IV in Engineering (Computer Numerical Control) MEM50212 Diploma of Engineering - Technical
Mechanical fitter	MEM20105 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship)	APPRENTICESHIP: MEM30205 Certificate III in Engineering - Mechanical Trade (Mechanical Fitter) POST TRADE: MEM40105 Certificate IV in Engineering (Fluid Power) MEM50105 Diploma of Engineering - Advanced Trade
Welder (first class)	MEM20105 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship)	APPRENTICESHIP: MEM30305 Certificate III in Engineering - Fabrication Trade (Heavy) POST TRADE: MEM40105 Certificate IV Engineering (Welding) Welding Supervisor/Inspector Course
Heavy fabrication trades	MEM20105 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship)	APPRENTICESHIP: MEM30305 Certificate III in Engineering - Fabrication Trade (Heavy/Welding) POST TRADE: MEM40105 Certificate IV Engineering (Welding)
Pipe fitter	MEM20105 Certificate II in Engineering (Heavy Fabrication Pre-Apprenticeship)	APPRENTICESHIP: MEM30305 Certificate III in Engineering – Fabrication Trade (Heavy/Welding) POST TRADE: MEM40105 Certificate IV in Engineering (Welding) MEM50105 Diploma of Engineering - Advanced Trade
Dockmaster/Dock worker	MAR20318 Certificate II in Maritime Operations (Coxswain Grade 1 Near Coastal)	MAR30218 Certificate III in Maritime Operations (Integrated Rating)
Ship manager/Ship master	MAR30918 Certificate III in Maritime Operations (Master up to 24 metres Near Coastal)	MAR50415 Diploma of Maritime Operations (Master up to 500 GT) MAR50315 Diploma of Maritime Operations (Watchkeeper Deck) MAR60315 Advanced Diploma of Maritime Operations (Master Unlimited)
Program/Project manager	MAR40618 Certificate IV in Maritime Operations (Master up to 35 metres Near Coastal)	MEM50105 Diploma of Engineering - Advanced Trade BSB51415 Diploma of Project Management
Program/Project schedulers	BSB41515 Certificate IV in Project Management Practice	Bachelor degree in engineering (Mechanical, Mechatronics or Electrical), Project Management or a related discipline. Formal Project Management qualification - Certified Practising Project Practitioner (CPPP) required.
Program/Project planner	BSB41515 Certificate IV in Project Management Practice	University or postgraduate qualification in business administration or project management
Operations manager	BSB41515 Certificate IV in Project Management Practice	University or postgraduate qualification in business administration or project management
Production/Shift controller	RII40715 Certificate IV in Civil Construction Supervision	Bachelor degree in engineering (Advanced Manufacturing, Mechanical, Mechatronics or Electrical)
Quality control technician/Manager Supervisor - Engineer	MEM30505 Certificate III Engineering - Technical	MEM40105 Certificate IV in Engineering MEM50105 Diploma of Engineering - Advanced Trade BSB51607 Diploma in Quality Auditing
Diploma mechanical engineer	MEM20105 Certificate II in Engineering (Mechanical Fitter and Machinist Pre-Apprenticeship) MEM30505 Certificate III Engineering - Technical	APPRENTICESHIP: MEM30205 Certificate III in Engineering - Mechanical Trade POST TRADE: MEM40105 Certificate IV in Engineering MEM50212 Diploma of Engineering - Technical

Further information

SOUTH METROPOLITAN TAFE

Web: southmetrotafe.wa.edu.au

Phone: 1800 001 001

Email: info@smtafe.wa.edu.au

Naval Base Campus

41 Hope Valley Road, Naval Base WA 6165

DEFENCE INDUSTRY CAREER ADVICE

To find out more about jobs in defence manufacturing, contact the dedicated defence industry team at the Rockingham Jobs and Skills Centre.

Phone: 08 9599 8655

Email: defence.careers@smtafe.wa.edu.au

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