

## Short courses and professional education

In addition to full qualifications, partners in the DIESC offer a number of short courses across the relevant disciplines, skills sets and customisations tailored to meet industry needs. The courses provide access to industry experts, cutting edge equipment and contemporary course content enabling flexible and fast mobilisation of employees.

**The University of Adelaide** develops courses for Defence, Science and Technology Group and the wider defence industry on a variety of topics relating to maritime-related capabilities, such as marine engineering, systems engineering and project management.

**The University of South Australia/UCL** - Submarine Design and Acquisition Course introducing Naval Architects and Naval Engineers to the basic elements governing the design and acquisition of submarines and underwater craft.

**Edith Cowan University** can provide both broad and targeted training, with expertise across a wide variety of business areas and functions including:

- Asset Management
- Data Analytics
- Logistics
- Project Management
- Supply Chain Management
- Workforce Management, including Wellness at work

**RMIT** provides training to the Australian Defence Force through programs including aviation management, aerospace engineering, nursing and logistics.

Current short courses include:

- Business Writing
- Occupational Health and Safety
- Human Resource Management
- Project Management
- Marketing
- Computer Aided Drafting (CAD) and Engineering (CAE)
- Engineering Mechanics
- Mechanical Design
- Mechatronic Design
- Welding
- Electrical
- Air-conditioning
- Cabling
- Information and Communications Technology
- Construction skills
- Logic Control and Automation

**SM TAFE** offers nationally accredited short courses or skills sets relevant to the defence industry offered including:

- Applied Engineering Drawing And CAD (Skillset)
- Applied Engineering Mathematics
- AutoCAD
- Automation Skillset
- Digital Fabrication And Manufacture
- ECDIS (Electronic Chart Display Information System)
- Engineer Revalidation
- Engineering Skillset
- GMDSS General Operators Certificate
- Licence To Operate A Forklift Truck TLILIC2001
- Maintenance Planning, Scheduling And Coordination (Skillset)
- Maritime Resource Management (BRM / ERM)
- Masters Revalidation
- Maths Tutorial
- NAVY Bridging Gap Course (Skillset)
- Process Plant Operations For Undergraduate Engineers
- Security Officer: Port/Offshore Facility
- Security Officer: Ship And Company Security
- Structural Drafting And Design
- Tanker Safety: Gas Tanker Safety
- Tanker Safety: Petroleum/Chemical Tanker Safety

#### **TAFE SA**

- Defence Industry Leadership Program with the Defence Teaming Centre
- Introduction to Programmable Logic Controllers (PLCs)
- Advanced PLCs
- Introductory, intermediate and advanced Welding Courses including Gas Metal Arc (MIG) Welding, Gas Tungsten Arc (TIG) Welding, Manual Metal Arc Welding (MMAW) , Performing Welds and Pipe Welds to Code Standards, Welding Inspection and Welder Supervision Courses.
- Licence to operate a forklift
- Operate Elevated Work Platform
- National White Card – Work Safely in the Construction Industry
- Work Safely at Heights
- Enter and Work in Confined Spaces
- Introduction to Fitting and Machining
- Project Management short courses
- Leadership short courses