

## Other significant defence related activities

The **Defence Teaming Centre** provides a range of services to support entry into and business with the Defence market, nationally and internationally. Services are tailored to meet the needs of companies of all sizes, engaged in defence-related activity across all sectors, and located both nationally and internationally.

The DTC enables business through connections, knowledge and expertise, Defence policy and advocacy, market intelligence and business development; as well as ensuring that workforce issues across the full spectrum of the defence industry are represented accurately to enable a coordinated and systematic response.

### **Flinders University**

Membership of ARC Research Training Centre for Naval Design and Manufacturing  
Home of:

DSTO Centre of Excellence in Energetic Materials

Flinders Centre for Maritime Engineering, Control and Imaging

Flinders Centre for Nanoscale Science and Technology

### **University of South Australia /UCL**

The University of South Australia has extensive research strengths and partnerships with the defence industries sector including partnerships with over 10 Defence Industry Primes and 35 defence industry SMEs

Research strengths include:

- Engineering and systems integration
- Autonomous and unmanned systems
- Telecommunication networks and signal processing
- Advanced materials and the development of tailored surface coatings
- Information Technology and the integration of systems
- Business and social sciences
- Interrogation and mining of data for patterning and predictive model building
- Project management and the execution of large scale complex projects
- Leadership, management and human resources
- Industrial design Human factors and biomechanics
- Enhancing human performance
- UCL brings a wide range of Marine research projects with strong links into the UK, EU, China, USA working in both the defence and civilian sectors

### **RMIT**

In addition to our teaching and learning capabilities, RMIT has extensive research credentials in a number of areas, including;

- Automation (Robotics)
- Micro Nano Technology
- Rheology
- Materials Characterisation
- Virtual Reality
- Maritime Composites
- Additive Manufacturing
- Light-weighting technologies.

ECU have entered into a strategic partnership with Austal with the shared aspiration of creating the Maritime Research and Learning Institute at ECU. This university/industry collaboration is dynamic and operates on a principle of applied research, with particular focus on next generation applications around Smart Ships. Additionally, ECU is collaborating with Austal on the creation of an industry focussed Maritime Engineering degree which leverages ECU's multi-disciplinary engineering program and cross-disciplinary integration.

Ranked as one of the top 10 cyber security research groups in the world, Australia's best cyber security research and education team is based at Edith Cowan University.

**SM TAFE** has long standing relationships and contracts in place with the defence industry to service its expansive need for trained personnel.

- Provision of Technical Training Services (for Royal Australian Navy) including specialist courses to the Royal Australian Navy for electrical systems, hull, propulsion and diesel maintenance, maritime operations and control systems.
- SM TAFE is in partnership with ASC to form a dedicated team of technical specialists, trainers and multi-media consultants to assist the Submarine Project on HMAS Stirling Garden Island,.
- University of New England – The Introduction to Collins Class Course (ICCC)  
An agreement to design and develop phase documentation for the Initial Collins Class Course (ICCC) involving design, development and delivery expectations of ICCC courseware and assessments, including underlying governance and administration requirements.