

ECU CAPABILITY STATEMENT

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Edith Cowan University brings together applied research, specialist facilities, workforce development, and industry engagement to address complex defence capability challenges.

Working across disciplines, ECU supports the Defence and Defence Industry in four integrated areas:

- Cyber security and information warfare
- Engineering, advanced manufacturing and autonomous systems
- Human performance, health and workforce resilience
- National security and strategic resilience

Our capabilities include robotics and autonomous systems, artificial intelligence and machine learning, advanced and additive manufacturing, secure communications, cyber resilience, critical infrastructure protection, underwater sensing and communications, human-machine teaming, operational performance, and simulation-based training.

ECU works with Defence, government and industry partners to translate research into practical outcomes, develop sovereign capability and strengthen Australia's current and future Defence workforce. This includes industry-connected education, bespoke professional development, work-integrated learning, and pathways supporting veterans and serving ADF members in tertiary study and new careers.

At Land Forces, ECU seeks to connect with defence and industry partners requiring research expertise, technology development, independent testing and evaluation, workforce solutions, or multidisciplinary collaboration.