

SOIO Pty Ltd

Company Overview

SOIO - School of Information Operations provides world-class training and education solutions in electronic warfare, undersea warfare (USW), military space operations, maritime operations, cyber security, information operations (IO) and military uncrewed aerial systems (UAS).

SOIO offers operationally focused short courses in these areas, and has a team of 25 instructors with extensive military operational experience to ensure relevance and real-world context.

SOIO is also able to provide consultancy services in training, education, development and delivery.

Products

SOIO offers the following short courses:

- **Electronic Warfare (EW) course** – 4 days. This course provides students with the basic principles of Electronic Warfare (EW) in all domains.
- **Undersea Warfare (USW) course** – 4 days. This course provides students with the basic principles of Undersea Warfare and introduces basic submarine detection theory and technologies including sonar (active and passive) and Electro Optics.
- **Military Space Operations course** – 4 days. This course provides students a holistic overview of Defence Space Operations including SATCOM, space-based ISR, Space Domain Awareness (SDA) and more.
- **Maritime Operations course** – 4 days. This course provides students with the basic principles of Maritime Operations and introduces core roles such as Sea Control, Power Projection and Maritime Security.
- **Cyber Security Frameworks and Governance course** – 2 days. This course provides students with the principles associated with Military Cyber Operations with an introduction to both Offensive and Defensive Cyber concepts.
- **Military Uncrewed Aerial Systems (UAS) and Counter UAS (CUAS) course** – 3 days. This course provides students with a foundation understanding of Uncrewed Aerial Systems (UAS) and Counter UAS (CUAS) operations within the military context, including UAS doctrine, regulation, classification and capabilities.
- **Introduction to Information Operations course** – 1 day.
- **RF EMF Safety Awareness course** – 4 hours.
- **Mini Courses** – 4 hours. These courses cover a wide range of specialised topics and can be customised to meet your needs.

SOIO also offers the following advanced courses:

- **Electronic Warfare (EW) course** – 10 days. This course provides students with an understanding of the principles of Electronic Warfare (EW), Electronic Warfare Operational Support (EWOS) and the production of mission data within an EW Centre (EWC). The course includes Electromagnetic (EM) wave, Radar and Electro Optic (EO) theory, Radar Parametric Analysis and EW principles.
- **Electro-Optics (EO) course** – 10 days. This course provides students with an understanding of the application of Electronic Warfare in relation to Electro-Optics systems, including lasers. It covers the principles of EO, specific EO systems used by the military and addresses the threats to military EO systems.



Discriminators

- Our instructors have over 317 combined years of operational experience
- We have delivered over 220 courses
- SOIO has graduated over 2000 students
- Command: Professional Edition software is used to reinforce course content and learning outcomes

Availability and Support

Our short courses are available now for delivery at your facilities. The course duration and learning outcomes can be tailored to meet your requirements.

Key Customers

- Malaysian Armed Forces
- Sultan of Oman's Armed Forces
- United States Air Force (USAF)
- New Zealand Defence Force (NZDF)
- Australian Defence Force (ADF)
- Royal Australian Navy (RAN)
- Australian Army
- Royal Australian Air Force (RAAF)
- Department of Defence (Australia)
- Defence Science & Technology Group (DSTG Australia)
- International military customers
- Defence primes
- Defence small/medium enterprises

Key Partnerships (Suppliers)

- Grayline Sdn Bhd (Malaysia)
- Westberi Consulting Group (Sweden)
- Defence Science & Technology Group (DSTG Australia)
- Joint Capabilities Group (JCG Australia)
- Flinders University (Australia)
- Leonardo MW Ltd (UK)

Quality Accreditations and Awards

- ADF Reserve Support Awards - South Australia
- Australian Information Warfare Alliance (AIWA)
- Defence Teaming Centre Collaboration Award Finalist
- Australian Defence Industry Development Grants Program

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