

TDSI NEWSLETTER

A quarterly newsletter of TDSI featuring the institute news, event updates and any new and upcoming offerings for the defence community.

Charting New Frontiers in Defence Learning – Together in 2026!

As we begin a brand-new year, we celebrate the shared commitment that unites our defence community – the drive to keep learning, innovating, and advancing together. In 2026, we continue to open new frontiers in professional growth through TDSI's Master's Programmes and a suite of specially curated short courses that are designed to build strategic and technical excellence. Together, let us keep advancing capabilities, deepening expertise, and strengthening the defence workforce through continuous learning and partnerships.

Shaping Tomorrow's Leaders, Innovators and Systems Thinkers

In July 2025, TDSI officially launched our latest Joint Master of Science in Defence Systems Engineering and Technology (MDSET), marking an exciting milestone in our continuing mission to nurture systems engineers and systems thinkers. Designed with a forward-looking curriculum with an emphasis on advanced digital systems engineering, with integrative perspectives from two prestigious universities, the National University of Singapore and the US Naval Postgraduate School, this programme will equip defence professionals with the critical knowledge and skills to navigate complex challenges in today's military landscape.

Officers and staff who are exploring differentiated development pathways can consider this new MDSET as a platform for developing long-term capability and leadership in system engineering with focus on digitalisation.

Be the first to embark on this transformative journey



Stack Your Learning, Advance Your Career

TDSI's stackable programmes offer a flexible pathway for defence professionals to steadily build their expertise. Each course in our Graduate Certificate or Executive Certificate Programmes is designed as a standalone learning experience, providing immediate value and applicable skills. These courses can be stacked and accumulated towards TDSI's Master of Defence Technology and Systems, giving students the freedom to progress at their own pace while balancing operational demands. Through the stackable programmes, defence organisations empower their personnel with both agility and long-term career progression for advancement.

Every course is a step closer to your advanced qualification

Upskill Today, Strengthen Tomorrow: Continuing Education for Defence Professionals

TDSI's continuing education short courses are designed to deliver immediate, practical value to defence organisations and their personnel. With focused courses spanning technology, strategy, and operations, the learning will equip course participants with relevant knowledge that can be applied directly to their daily work. Short in duration yet rich in content, each course is structured to enhance professional competencies where participants benefit from expert-led sessions, peer exchanges, and real-world case applications.

Courses in the pipeline for 2026:

- Secure Software Lifecycle and Threat Modelling for Dual-Use and AI Systems (4 to 6 February 2026)
- AI-Driven Cybersecurity in the Quantum Era (11 to 13 February 2026)
- From Battlefield to Smart Cities: Digital Twins for Defence and Dual-Use Systems (6-8 May 2026)
- Future Proof Agentic Artificial Intelligence (14-15 May 2026)

Short duration with high impact to tackle tomorrow's challenges



Learn with TDSI, an academic unit of NUS, one of the top-ranked universities centered in Asia

LEARN. INNOVATE. ADVANCE

Connect with TDSI to explore programmes and courses built for defence professionals.

Email us at tdsiwebsite@nus.edu.sg for enquiries.