



INSTITUTE FOR SECURITY GOVERNANCE

DEFENSE SECURITY COOPERATION UNIVERSITY



CYBER DEFENSE OPERATIONAL INTEGRATION

RESIDENT: N/A

MOBILE: P309538

CERTIFICATION: PME, RDFP

This course equips participants with the skills needed to advocate for, plan, and integrate defensive cyber operations (DCO) at the operational level of war using current operational doctrine and existing planning and execution processes.

OBJECTIVES

Upon conclusion of this course, participants will be able to:

- ◆ Describe how cyber defense contributes to a commander's mission objectives
- ◆ Describe how defensive cyber operations (DCO) are employed across the phases of operations in time, space, and purpose
- ◆ Express the relationship between DCO and joint functions
- ◆ Explain the planning considerations associated with DCO
- ◆ Explain the need to integrate DCO into traditional operation planning processes
- ◆ Advise commanders and staff on how cyber considerations can shape operations

TOPICS

Defensive cyber operations (DCO) topics include discussions about outmaneuvering adversaries who are taking or preparing to take offensive actions against defended networks; responding to internal and external cyberspace threats; DCO planning considerations; and DCO in joint operations. The course is conducted via lectures, discussions, group work, and case studies. Course topics may include:

- ◆ Understanding cyber as a warfighting domain
- ◆ Global and regional cyber considerations
- ◆ Cyber threats, vulnerabilities, and defensive responses
- ◆ Defensive cyber operations integration
- ◆ Developing cyber plans and orders
- ◆ Multi-domain operations tabletop exercise

PARTICIPANTS

The course is designed for planners and advisors to senior leadership involved in cyber strategy and planning from ministries of defense, foreign affairs, and communications.

ISG PROGRAM AREAS

ISG programming has been developed over 25 years by providing military and civilian officials with unique education and professional development programs. Courses are designed to cultivate individual understanding of complex issues, foster peer-to-peer learning, and build international communities of interest.



SECURITY GOVERNANCE & CIVIL MILITARY RELATIONS (CMR)



CONFLICT, TERRORISM, & PROTECTION (CTP)



MARITIME SECURITY (MARSEC)



EMERGENCY MANAGEMENT & RESILIENCE (EM&R)



PEACEKEEPING & EXERCISES (PKX)



CYBER CAPABILITY (CYBER)



INTERNATIONAL DEFENSE ACQUISITION RESOURCE MANAGEMENT (IDARM)



LOGISTICS CAPABILITY BUILDING (LCB)

FACULTY

ISG has a diverse faculty team grounded in professional experience from academic, military, government, and civil sectors. The core faculty are augmented by experts drawn from other parts of government, and American and international subject matter experts drawn from universities, industry, think tanks, international organizations, and non-governmental organizations.

ENROLLMENT

Courses are conducted as part of the US Government security cooperation efforts. Interested partner nation personnel should contact their government's international cooperation section, or the relevant US Embassy's security/military cooperation office for selection processes and enrollment. Interested US citizens may contact ISG to discuss availability.

FUNDING

Educational programs are primarily implemented through Title 22 authorized programs (International Military Education and Training, Foreign Military Sales, Peacekeeping Operations) and various Title 10 authorized programs such as the Maritime Security Initiative (MSI) and Regional Defense Combating Terrorism and Irregular Warfare Fellowship Program (RDFFP).

ABOUT ISG



The Defense Security Cooperation University's Institute for Security Governance (ISG) is the Department of Defense's leading implementer for Institutional Capacity Building (ICB) and one of its primary International Schoolhouses. As a component of the Defense Security Cooperation Agency, ISG is charged with building partner institutional capacity and capability through tailored advising, education, and professional development programs grounded in American values and approaches.