



INSTITUTE FOR SECURITY GOVERNANCE

Advancing Knowledge, Building Capacity, Strengthening Partners



CYBER DEFENSE OPERATIONAL INTEGRATION

RESIDENT: N/A
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ELIGIBLE FUNDING: IMET, FMF/FMS
CERTIFICATION: PME

The Institute for Security Governance offers a focused four- to-five-day mobile course called “Cyber Defense Operational Integration.” 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

At the end of this course, participants will be able to:

- ◆ Describe how cyber defense contributes to a commander’s mission objectives
- ◆ Describe how DCO is 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

Defense 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 delivery format combines lectures, discussions, experiential scenarios, practical small-group activities, and case studies. Course topics may include:

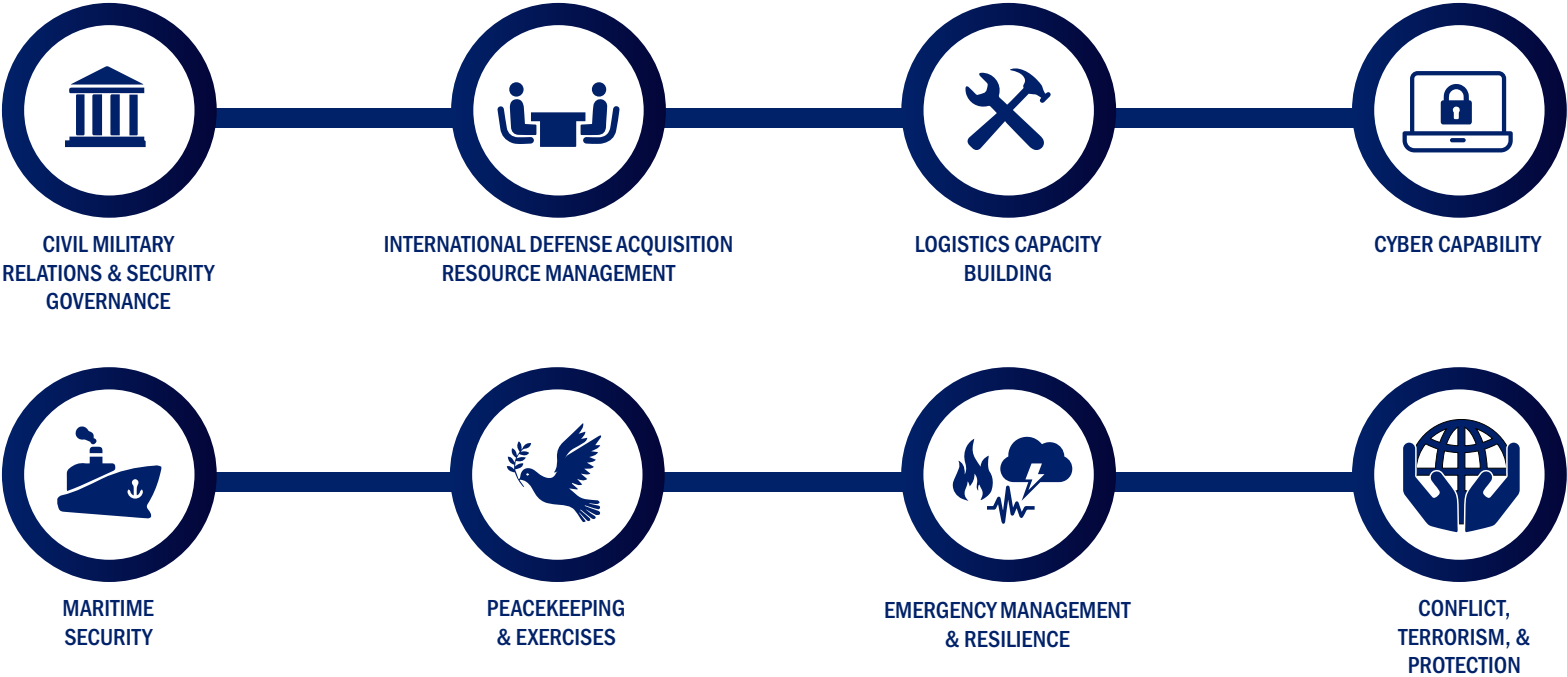
- ◆ Understanding cyber as a warfighting domain
- ◆ Global and regional cyber considerations
- ◆ Cyber threats, vulnerabilities, and defensive responses
- ◆ Defensive cyber operations integration
- ◆ Developing cyber plans and orders
- ◆ Multi-domain operations tabletop exercise

PARTICIPANTS

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

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.



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 Institute for Security Governance – situated within the Defense Security Cooperation University’s (DSCU) International School of Education and Advising (ISEA) – is the Department of Defense’s Center of Excellence for Institutional Capacity Building (ICB). As a component of the Defense Security Cooperation Agency (DSCA), and one of its primary international Security Cooperation schoolhouses, ISG is charged with building partner institutional capacity and capability through tailored advising, education, and professional development programs grounded in American values and approaches.