

INSTITUTE FOR SECURITY GOVERNANCE

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STRATEGIES & CAPABILITIES FOR CYBER CHALLENGES

RESIDENT: P179898

MOBILE: N/A

ELIGIBLE FUNDING: IMET, FMF/FMS

CERTIFICATION: PME, (E-IMET PENDING)

This four-week course equips participants with the knowledge and skills to understand cyber threats and vulnerabilities, and their consequences for national security and military operations. The course explores strategies and capabilities to maintain an advantage over actors who seek to exploit, disrupt, or damage the critical networks, systems, and services that our societies and militaries depend upon. Instructors highlight the importance of a comprehensive approach that applies whole-of-government coordination, regional collaboration, and public-private partnerships to counter cyber-enabled malicious actors across the spectrum of conflict.

OBJECTIVES

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

- ◆ Recognize cyber threats and challenges in new forms of geopolitical conflict and competition across political, economic, and military arenas
- ◆ Effectively analyze, design, and implement national and military strategies for safeguarding unfettered access to cyberspace
- ◆ Understand emerging technologies and security practices to counter advanced cyber actor tactics and techniques
- ◆ Be conversant in the legal aspects and issues for a global domain, including national regulations and laws, and international regimes and norms
- ◆ Consider governmental processes and policies to promote cooperation among government and private sector organizations, ministries, and law enforcement partners

TOPICS

The delivery format combines academic presentations on prevailing and emergent cyber domain concepts and conditions with practical frameworks, including cyber security assessments, operational level exercises, and applied group work on coordination products, to understand and counter cyber threats in scenarios based on actual attacks and campaigns.

Course topics may include:

- ◆ Cyber attack trends, vectors, vulnerabilities, and risks
- ◆ Cyber conflict concepts, elements, laws, and regimes
- ◆ Disinformation, aggression, and resilience
- ◆ Security plans, frameworks, and controls
- ◆ Network architectures, technical methods, data analytics, and emerging innovations
- ◆ Commercial sector, civil agency, and military department cooperation mechanisms

PARTICIPANTS

The seminar is designed for planners and advisors to senior leadership at operational headquarters and commands, and at 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 connected networks of international peers through a professional learning environment.



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 with partner nations as part of the US Government security cooperation effort. Participation in ISG courses is managed through the Security Cooperation Office of the US Embassy in-country. Interested partner nation personnel should work through their government’s international cooperation section, or the relevant US Embassy’s security/military cooperation section for selection processes and enrollment. Where appropriate, ISG reserves limited space in courses for US citizens. Interested US citizens may contact ISG to discuss availability.

FUNDING

ISG can accept most types of US Government funding. Courses are typically funded by IMET, FMF, FMS, CTIWWP/RDFP, PKO, and other DoD-wide O&M funds (333, 332, MSI, etc.). Cost estimates can be obtained by contacting ISG or the applicable NETSAFA Country Program Manager.

ABOUT ISG



The Institute for Security Governance (ISG) is a Defense Security Cooperation Agency (DSCA) schoolhouse, and leading Institutional Capacity Building (ICB) implementer, focused on helping partners build effective and accountable security institutions. ISG’s tailored ICB approach supports partners in developing, resourcing, and sustaining the institutional capabilities and professionalization necessary to pursue common security cooperation objectives.