Information Assurance Certificates

Protect The Nation's Information **Develop Enterprise IA Programs** **Provide Information Security Controls**

Information leaders must understand that information infrastructure protection is vital to national security. Information Assurance (IA) education prepares leaders to protect information, information systems, and critical infrastructures from damage or destruction.
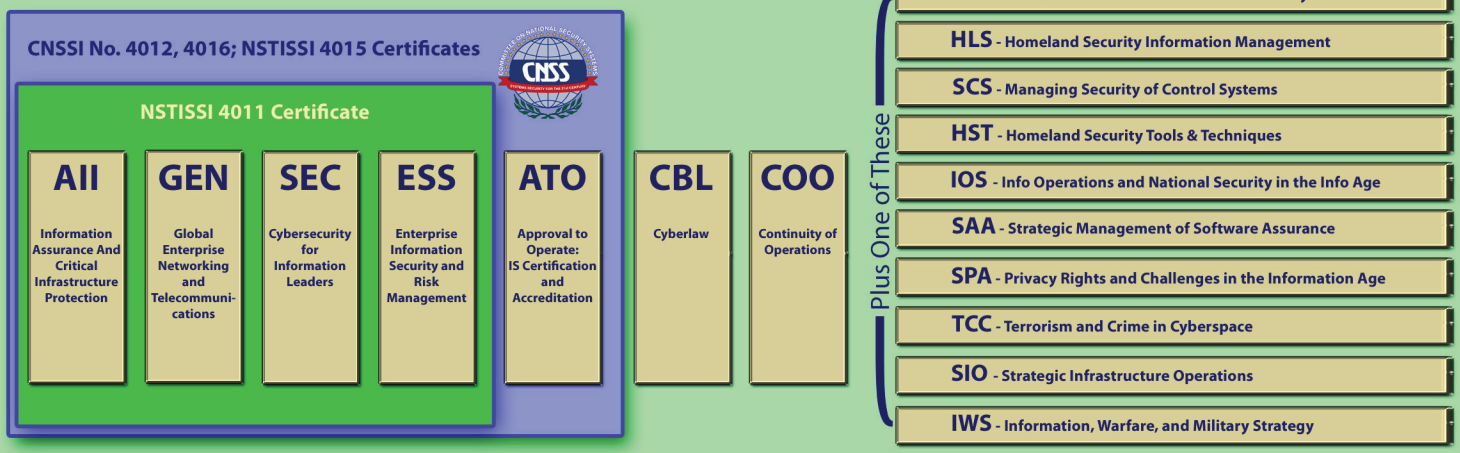
The IA program prepares graduates to:

- Exercise strategic leadership in the development and use of information security strategies, plans, policies, enabling technologies, and procedures.

- Develop and lead programs to provide information security controls, security awareness training, risk analysis, certification and accreditation, security incident management, continuity of operations, and disaster recovery.

- Link people, processes, information, and technology to critical IA decisions.

- Develop and lead, in accordance with laws and regulations, an enterprise IA program that promotes and attains national security, agency, and inter-agency goals.

The National Security Agency and Department of Homeland Security designated the IRM College as a "National Center of Academic Excellence in Information Assurance Education." In addition, the Committee on National Security Systems (CNSS) certified the curriculum offered by the college as compliant with the following national IA education and training standards:

- NSTISSI 4011 for Information Systems Security Professionals.
- CNSSI 4012 for Senior Systems Managers.
- NSTISSI 4015 for System Certifiers.
- CNSSI 4016 for Risk Analysts.

The fifth IA Certificate offered by the college, Chief Information Security Officer (CISO), provides graduate-level information security education for Senior Agency Information Security Officers (SAISO), their staff, and IA managers. This certificate provides education to respond to the requirements set forth in the Federal Information Security Management Act (FISMA).

CISO Certificate

CNSSI No. 4012, 4016; NSTISSI 4015 Certificates

CNSS

NSTISSI 4011 Certificate

AII	GEN	SEC	ESS	ATO	CBL	COO
Information Assurance And Critical Infrastructure Protection	Global Enterprise Networking and Telecommunications	Cybersecurity for Information Leaders	Enterprise Information Security and Risk Management	Approval to Operate: IS Certification and Accreditation	Cyberlaw	Continuity of Operations

Plus One of These

- **CIP** - Protection of Critical Infrastructure and Key Assets
- **HLS** - Homeland Security Information Management
- **SCS** - Managing Security of Control Systems
- **HST** - Homeland Security Tools & Techniques
- **IOS** - Info Operations and National Security in the Info Age
- **SAA** - Strategic Management of Software Assurance
- **SPA** - Privacy Rights and Challenges in the Information Age
- **TCC** - Terrorism and Crime in Cyberspace
- **SIO** - Strategic Infrastructure Operations
- **IWS** - Information, Warfare, and Military Strategy

Although the IA certificates do not count as certification under DoD 8570.1-M, they do help prepare graduates for DoD 8570 .1-M certification. In addition to DoD 8570.1-M commercial certification requirements, DoD personnel who perform IA functions on national security systems are required to meet CNSS training requirements. The certificates satisfy that CNSS requirement.

*Students may apply their IA certificates (equivalent to nine, 12, or 15 graduate-level credit hours) toward select Master's or Doctoral Degree programs at several academic partner universities across the U.S.

The IRM College is a global learning community for government's most promising information leaders.

IRMC Information Resources Management College National Defense University

The Information Resources Management College (IRM College)

Located at Fort Lesley J. McNair on the Washington, DC waterfront, the Information Resources Management College (IRM College) is one of five graduate-level colleges that comprise the National Defense University. The IRM College educates Department of Defense, federal agency, private sector, and international students in the following critical information management and leadership areas:

- Information Assurance and Information Operations
- Chief Information Officer Competencies
- Chief Financial Officer Competencies
- Information Technology Project Management and IT Acquisition
- Enterprise Architecture
- Organizational Transformation, Homeland Security, and Domestic Preparedness
- Government Strategic Leader

Strategic Leader Development - Prepare leaders to direct the information component of national power by instructing them on ways to leverage information and information technology for strategic advantage.

Learning that is Current, Timely, and Future-Focused - Focus the curriculum on tools, strategies, trends, and best practices to prepare managers and leaders to envision and create the future.

Just for You - Enroll managers from DoD (military and civilian), federal government agencies and organizations, foreign defense ministries, and the private sector.

Wherever you are - Provide education in a variety of formats, including classroom (eResident) and on-line.

Graduate Credit or Professional Development
Students can attend the IRM College to earn a graduate-level certificate, (which is accepted by a number of academic partner universities toward Master's or Doctoral study) or use their graduate credit toward the college's Master's Degree (currently seeking approval from the U.S. Department of Education). Students can also choose to attend for professional development (PD) purposes.

Other Educational Services
The IRM College offers seminars, symposia, and special programs to meet our stakeholders' needs. For government departments and agencies that require a customized approach, or whose students do not meet the IRM College's graduate admission criteria, the College is able to offer tailored "education in context" programs.

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