U.S. DEPARTMENT OF STATE

The Bureau of Diplomatic Security

Diplomatic Security Training Center

Information Assurance and Cybersecurity

Training Program

Information Assurance Training Program

Mission: To train and sustain a workforce capable of effectively addressing and overcoming the information security challenges required to support U.S. Foreign Policy in the global threat environment now and into the future.

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Information Assurance Training Program

- Created the role-based training program in 1998

- Provide role-based instructor-led training to over 1,000 State Department employees and contractors each year

- Courses are taught domestically and overseas

- Meets the FISMA mandated requirements for role-based training

- Follows NIST SP 800-16 and 800-50, as well as the CNSS training guidelines

Information Assurance Training Program

- Current Information Assurance Role-Based Training Courses:
  - IA for Information System Security Officers
  - IA for System Administrators (Windows based)
  - IA for Managers
  - IA for Senior Level Managers
  - IA for Executives
  - IA for Special Agents

Cybersecurity Curricula

- Recent cyber threats and cyber incidents required expansion and changes

- Focus will be on authorization, continuous monitoring, and cybersecurity roles and responsibilities

  — Address changes due to NIST Risk Management Framework (SP 800-37, SP 800-53, SP 800-53A, SP800-39)

  — Address evolving cybersecurity responsibilities within the Dept.

- Strategy is to reuse existing curricula for cost savings and efficiency -- and capitalize on the silos of excellence

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Cybersecurity Curricula

- IA for ISSO (3 courses – system, abroad, domestic)

- IA for System Owners (modified)

- IA for Approving Authorities (modified)

- Security for Application Developers (COTS-based)

- Security for Web Developers (COTS-based)

- Security for Database Developers (COTS-based)

- Security for Data Center Staff

- Responding to Cyber Incidents (GOTS-based)

- IA for Acquisition Professionals (GOTS-based)

- IA for Security Control Assessors

- Introduction to Cyberlaw (GOTS-based)

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DoS/DHS Interagency Agreement

- Signed in September

- Partnership to provide IA courses for four roles:
  - ISSO
  - System Administrator
  - System Owner
  - Approving Authority

- Develop a framework and conduct pilots for a federal cybersecurity training exercise program (red team/blue team training and exercises)

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