



Information Systems Security Line of Business (ISSLOB)

Information Assurance and Cybersecurity Role-Based Training Program

Diplomatic Security Training Center
(DSTC)

Dunn Loring, VA





Information Systems Security Line of Business (ISSLOB)

- **Certification of the Diplomatic Security Training Center as an Information Systems Security Line of Business in June 2010**
 - **Office of Management and Budget guidelines**
- **Center of Excellence Department of Homeland Security (DHS) partnership**
- **Best Practice Courses**

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ISSLOB Training

- **National Initiative for Cybersecurity Education (Cybersecurity Workforce Framework)**
- **FISMA 2014 Compliant**
- **NIST Compliant (800-16, -34, -53)**
- **Best Practice**
- **Federal Law Enforcement Training Accreditation (FLETA)**
- **Instructor-led with Hands-on Exercises**
- **Ongoing Course Updates**

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ISSLOB Instructor-led Information Assurance (IA) and Cybersecurity Training Program

Past collaborations with Other Government Agencies/Departments:

- Department of Homeland Security (DHS) – Center of Excellence
- National Institute of Standards and Technology (w/DHS) developed National Initiative for Cyber Education (NICE)
- Federal Bureau of Investigation (FBI)
- Nuclear Regulatory Commission (NRC)
- Social Security Administration (SSA)
- National Archives and Records Administration (NARA)
- Health and Human Services (HHS)

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Instructor-led Courses

- **BPIA101 – Best Practice ISSO Cybersecurity Foundations**
- **BPIA201 – Best Practice Systems Administrator Cybersecurity Foundations**
- **BPIA304 – Best Practice IA for Managers**
- **BPIA305 – Best Practice IA for System Owners**
- **BPIA401 – Best Practice IA for Executives**
- **BPSA610 – Best Practice SA for Application Programmers**

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BP ISSO Cybersecurity Foundations

- **BPIA101**

- Develops the skills and knowledge required of Information Systems Security Officers (ISSOs)
- Enables ISSOs to conduct in-depth security assessments and evaluations on U.S. Government computer networks
- Provides hands-on network auditing exercises
- Promotes familiarity with various newly developed auditing technologies

- **Audience**

- IT security workforce within the U.S. Military, Federal, State, Local, Tribal Council, and U.S. Territorial Governments

- **5 Day Course at DSTC or Client Facility**

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BP Systems Administrator Cybersecurity Foundations

- **BPIA201**

- Provides guidance to System Administrators on mandated network security policies and regulations that they are required to implement on the Windows operating system software used on U.S. Government networks
- Provides Best Practices security requirements and implementation procedures in accordance with current U.S. Government security configuration requirements through hands-on exercises

- **Audience**

- IT security workforce within the U.S. Military, Federal, State, Local, Tribal Council, and U.S. Territorial Governments

- **5 Day Course at DSTC or Client Facility**

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BP Information Assurance for Managers

- **BPIA304**

- Provides training for personnel responsible for the management of employees
- Focuses on manager's information security-related responsibilities to prevent and react to Cybersecurity incidents within their group
- Introduces students to the risk management framework and core security principles
- Scenario based problem-solving exercises
- Provides checklists and job aids

- **Audience**

- U.S. Government Managers of Employees
- Management Officers and Management Section Heads
- Senior Information Systems Officers; Program, Division, and Branch Chiefs

- **3 Day Course at DSTC or Client Facility**

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BP Information Assurance for System Owners

- **BPIA305**

- Provides training for personnel responsible for the management of employees
- Introduces students to the risk management framework and core security principles
- Includes overview of the U.S. Government's information systems, their vulnerabilities, threats to information security and risk assessment/management
- Topics include: Security and reporting requirements of FISMA, results of the Office of the Inspector General's audits and reports to the Office of Management and Budget and Congress
- Case studies and lessons learned emphasize the critical role of high level leadership in protecting the U.S. Government's information and information systems

- **Audience**

- U.S. Government System Owners

- **1/2 Day Course at DSTC or Client Facility**

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BP Information Assurance for Executives

- **BPIA401**

- U.S. Government personnel with highest level of responsibility
- Includes overview of the U.S. Government's information systems, their vulnerabilities, threats to information security and risk assessment/management
- Topics include: Security and reporting requirements of FISMA, results of the Office of the Inspector General's audits and reports to the Office of Management and Budget and Congress
- Case studies and lessons learned emphasize the critical role of executive-level leadership in protecting the U.S. Government's information and information systems

- **Audience**

- Deputy Secretary, Under Secretary, Assistant Secretary, Deputy Assistant Secretary
- Senior Executive Service (SES) & Flag Officers
- Executive Director
- Senior Managers on Leadership Track
- Chief Information Officer

- **1/2 Day Course at DSTC, Client Facility, or Online**

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Software Assurance for Application Programmers

- **BPSA610**

- Introduces Application Designers, Developers, or Programmers to basic software assurance concepts and practices
- Provides students with crucial resources currently available to Software Assurance professionals in the field, exposing them to appropriate application security requirements
- Provides hands-on experience manipulating code to mitigate weakness and prevent successful attacks
- Emphasizes providing an understanding of current threats and the specific software code vulnerabilities that they target, as well as techniques and tools used to counter these threats

- **Audience**

- Application Designers, Developers, or Programmers
- Web and Database Designers, Developers, or Programmers

- **5 Day Course at DSTC or Client Facility**

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