



DAY 1

ORIENTATION

- Administrative announcements
- Introductions
- Course material overview

LESSON 1:

- Current threat briefing

LESSON 2: ISSO ROLES AND RESPONSIBILITIES

- ISSO Roles and Responsibilities
- The Perpetual Calendar: Everything the ISSO needs to do over the course of a year

LESSON 3: CERTIFICATION AND ACCREDITATION (C&A)

- DCID 6/3
 - Understanding the requirements of Levels-of-Concern and Protection Levels
 - Systems Security Plan (SSP)
- JAFAN 6/3
 - Interconnected and Special Category Information Systems
 - The impact of DITSCAP and DIACAP on DCID 6/3 systems
 - Other C&A requirements (NISPOM, DCID 6/9etc)
 - Automated programs

DAY 2

LESSON 4: DEFENSE-IN-DEPTH STRATEGIES

- The Information Assurance Protection Matrix
- Rings of Protection

LESSON 5: RISK MANAGEMENT

- The Risk Management cycle
- The Risk Assessment process

LESSON 6: INCIDENT REPORTING

- Incident reporting programs
- Technical vulnerabilities
- Innocent hacks
- Intentional hacks
- Your Incident Response/Disaster Recovery Plan

DAY 3

LESSON 7: PHYSICAL AND TECHNICAL SECURITY ISSUES

- Malicious Code
- Media Storage
- Credential Management
- Access Control and Identification and Authentication
- Physical security
- The new physical and logical model

LESSON 8: BASIC NETWORKS AND SECURITY

- Network Vulnerabilities
- Countermeasures
- Authentication
- Secure Network Connections
- Guards
- Intrusion Detection Systems
- Encryption
- Multi-level Security

LESSON 9: CONFIGURATION MANAGEMENT

- Configuration Identification
- Configuration Control
- Configuration Status Accounting
- Configuration Audits
- Your role and the CCB

DAY 4

LESSON 10: EDUCATION AND AWARENESS TRAINING PROGRAM

- Sources for your program
- Considerations for an effective program
- Training frequency and venues

LESSON 11: LEGAL ISSUES

- Associated with auditing and monitoring

LESSON 12: AUDITING

- Windows-based systems
- Unix-based systems

DAY 5

LESSON 13: SELF INSPECTIONS

- Templates
- Resources

LESSON 14: POLICY

- Policies affecting ISSOs
- Current legislation
- Future legislation and its possible impacts
- What should be in your library

END OF THE COURSE

- Discussion/examination of manuals and documents referenced throughout the course and listed in Appendices
- Course summary
- Open-book, multiple-choice test
- Critique
- Admin wrap-up
- Graduation certificates
- Instructor available for off-line discussions/help/follow-up