



## 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