

ISSEP – Information Systems Security Engineering Professional

Course Outline

1) Systems Security Engineering Fundamentals Domain

- Apply systems security engineering fundamentals
- Execute systems security engineering processes
- Integrate with applicable development methodology
- Perform technical management
- Participate in the acquisition process
- Design trusted systems and networks (TSN)

2) Security Architecture Modeling

- Apply Security Risk Management Principles
- Address the Risk to the System
- Manage the Risk to the Operations

3) Security Planning and Design Domain

- Analyze Organizational and Operational Environment
- Apply System Security Principles
- Develop System Security Requirements
- Create System Security Architecture Design

4) Systems Implementation Verification and Validation Domain

- Implement, Integrate and Deploy Security Solutions
- Perform System security Deployment Activities

5) Secure Operations Change Management and Disposal Domain

- Develop Secure Operations Strategy
- Participate in Secure Operations
- Participate in Change Management
- Participate in the Disposal Processes