

# INFORMATION SYSTEMS SECURITY MANAGEMENT PROFESSIONAL Course Agenda

---



## Course Overview:

### Program Overview

Master the critical skills required to excel as an Information Systems Security Management Professional (ISSMP) with Sprintzeal's comprehensive ISSMP Certification training program. Our comprehensive training courseware covers the core domains defined by the governing body, covering leadership and business management, systems lifecycle management, risk management, threat intelligence and incident management, contingency management, and law, ethics, and security compliance management. Led by experienced instructors, this course ensures participants gain practical insights and hands-on experience to navigate the complex landscape of information security management effectively.

### Key Learning Outcomes:

- Mastery of leadership and business management principles is essential for effective security management.
- Proficiency in integrating security into system lifecycle management processes
- Competence in identifying, assessing, and managing security risks effectively
- Expertise in establishing and maintaining robust threat intelligence and incident management programs
- Skills in developing and implementing comprehensive contingency management strategies
- Understanding of legal, ethical, and compliance considerations in information security management.

## Skills Learned:

- Strategic Leadership: Aligning security strategies with organizational goals.
- Risk Assessment and Management: Identifying and mitigating security risks effectively.
- Incident Response: Establishing protocols for timely response to security incidents.
- Business Continuity Planning: Developing plans for uninterrupted business operations.
- Compliance Management: Ensuring adherence to laws and industry standards.

## Topics Covered:

### Module 1: Leadership and Business Management (20%)

- Establishing Security's Role in Organizational Culture
- Aligning Security with Organizational Goals
- Defining Information Security Strategies
- Managing the Security Policy Framework
- Managing Security Awareness and Training Programs
- Defining, Measuring, and Reporting Security Metrics
- Preparing and Administering Security Budget
- Managing Security Programs
- Applying Product Development and Project Management Principles

## Module 2: Systems Lifecycle Management (18%)

- Integrating Security into the Systems Development Life Cycle (SDLC)
- Integrating New Business Initiatives and Technologies into Security Architecture
- Defining and Overseeing Comprehensive Vulnerability Management Programs
- Managing Security Aspects of Change Control

## Module 3: Risk Management (19%)

- Developing and Managing a Risk Management Program
- Conducting Risk Assessments
- Managing Security Risks within the Supply Chain
- Identifying Risk Factors and Prioritizing Threats
- Analyzing Organizational Risks and Determining Countermeasures
- Performing a Cost-Benefit Analysis of Risk Treatment Options



## **Module 4: Threat Intelligence and Incident Management (17%)**

- Establishing and Maintaining Threat Intelligence Programs
- Conducting Baseline Analysis of Network Traffic and User Behavior
- Detecting and Analyzing Anomalous Behavior Patterns
- Correlating Security Event and Threat Data
- Establishing and Maintaining Incident Handling and Investigation Program
- Quantifying and Reporting Financial and Operational Impact of Incidents
- Conducting Root Cause Analysis (RCA)

## **Module 5: Contingency Management (15%)**

- Facilitating the Development of Contingency Plans
- Developing Recovery Strategies
- Maintaining Contingency Plans
- Managing the Disaster Response and Recovery Process

## **Module 6: Law, Ethics, and Security Compliance Management (11%)**

- Identifying the Impact of Laws and Regulations
- Adhering to a Code of Ethics
- Validating Compliance
- Coordinating with Auditors and Regulators
- Documenting and Managing Compliance Exceptions

## Targeted Audience:

- Information Security Managers
- Security Consultants
- Risk Management Professionals
- IT Auditors
- Compliance Officers

## Prerequisites

- Basic understanding of information security concepts
- Familiarity with IT risk management principles
- Knowledge of security controls and frameworks
- Experience in IT governance and compliance is beneficial.
- Understanding of business continuity and disaster recovery concepts

## About Sprintzeal's ISSMP Training Course

Sprintzeal's ISSMP (Information Systems Security Management Professional) Training Course equips participants with advanced skills in managing information security systems. Covering domains such as Leadership and Business Management, Systems Lifecycle Management, Risk Management, Threat Intelligence and Incident Management, Contingency Management, and Law, Ethics, and Security Compliance Management, this course prepares professionals to navigate complex security challenges effectively. Led by experienced instructors, the training provides practical insights and strategies to excel in information security management roles.