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ISC2 Systems Security Certified Practitioner (SSCP) Training

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This SSCP certification course gets you prepared to pass the exam and become a Systems Security Certified Practitioner. It will provide you with in-depth coverage on the skills and concepts in the seven domains of systems security including Access Controls, Security Operations and Administration, Incident Response, Cryptography, and Network Security among others.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Beginner	**5 Days**	**1 year: 1+ of the 7 domains**	**$98,530**	**Yes**

Course Overview

The broad spectrum of topics included in the SSCP Common Body of Knowledge (CBK) ensure its relevancy across all disciplines in the field of information security. Successful candidates are competent in the following seven domains:

- Security Operations and Administration
- Access Controls
- Risk Identification, Monitoring, and Analysis
- Incident Response and Recovery
- Cryptography
- Network and Communications Security
- Systems and Application Security

Course Outline

- **Lesson 1: Access Controls**
  - Apply Logical Access Control in Terms of Subjects
  - Apply Logical Access Controls in Terms of Objects of Object Groups
  - Implement Authentication Mechanisms
  - Operate Internetwork Trust Architectures
  - Administer Identify Management Life Cycle
  - Implement Access Controls
- **Lesson 2: Security Operations and Administration**
  - Understand and Comply with Code of Ethics
  - Understand Security Concepts
  - Document and Operate Security Controls

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  - Participate in Asset Management
  - Implement and Assess Compliance with Controls
  - Participate in Change Management Duties
  - Participate in Security Awareness Training
  - Participate in Physical Security Operations
- **Lesson 3: Risk Identification, Monitoring, and Analysis**
  - Understand the Risk Management Process
  - Perform Security Assessment Activities
  - Operate and Maintain Monitoring Systems
  - Analyze and Report Monitoring Results
- **Lesson 4: Incident Response and Recovery**
  - Participate in Incident Handling
  - Understand and Support Forensics Investigations
  - Understand and Support Business Continuity (BCP) and Disaster Recovery Plan (DRP)
- **Lesson 5: Cryptography**
  - Understand and Apply Fundamental Concepts of Cryptography
  - Understand Requirements for Cryptography
  - Operate and Implement Cryptographic Systems
- **Lesson 6: Networks and Communications Security**
  - Understand Security Issues Related to Networks
  - Protect Telecommunications Technologies
  - Control Network Access
  - Manage LAN-Based Security
  - Operate and Configure Network-Based Security Devices
  - Implement and Operate Wireless Technologies
- **Lesson 7: Systems and Application Security**
  - Identify and Analyze Malicious Code and Activity
  - Implement and Operate Endpoint Device Security
  - Operate and Configure Cloud Security
  - Secure Big Data Systems
  - Operate and Secure Virtual Environments

Intended Audience

The SSCP is ideal for IT administrators, managers, directors, and network security professionals responsible for the hands-on operational security of their organization's critical assets, including those in the following positions:

- Network Security Engineer

- Systems Administrator
- Security Analyst
- Systems Engineer
- Security Consultant/Specialist
- Security Administrator
- Systems/Network Analyst
- Database Administrator
- Health Information Manager
- Practice Manager

Prerequisites

Candidates must have a minimum of one year cumulative work experience in one or more of the seven domains of the SSCP CBK. A one year prerequisite pathway will be granted for candidates who received a degree (bachelors or masters) in a cybersecurity program.

A candidate that doesn't have the required experience to become an SSCP may become an Associate of ISC2 by successfully passing the SSCP examination. The Associate of ISC2 will then have two years to earn the one year required experience. You can learn more about SSCP experience requirements and how to account for part-time work and internships at www.isc2.org/Certifications/SSCP/SSCP-Experience-Requirements .

Follow-On Courses

- ISC2 Certified Cloud Security Professional (CCSP)
- ISC2 Certified Information Systems Security Professional (CISSP)
- ISC2 Certified Secure Software Lifecycle Professional (CSSLP)

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.