Course Title: Systems Security Certified Practitioner

Duration: 6 days, 48 Hrs

Class Format Options:
Instructor-Led Training/ Classroom

Who Should Attend?
- Security operation center analyst
- Network security engineer
- Systems analyst
- Information systems auditor
- Application programmer
- Security administrator and architect.
- Systems, network, and database administrators
- Business unit representative
- Systems analyst
- Security consultant
- Specialist Information assurance technician

Prerequisites:
- Information Security Foundation or equivalent knowledge
- Experience working in the security field

Systems Security Certified Practitioner (SSCP)

Course Overview

Whether you are looking to advance your current position in the information security field, expand upon your existing information technology skills or launch a new career in either of these areas, you should seriously consider the Systems Security Certified Practitioner (SSCP®) credential from (ISC)²®. The SSCP certification is open to all candidates with at least one year experience, making it an ideal starting point for a new career in information security. But the SSCP is much more than that.

The SSCP is a certification for the hands-on practitioner who continuously monitors information systems to safeguard against security threats while having the knowledge to apply security concepts, tools and procedures to react to security incidents. This certification is geared toward individuals who may hold technical and engineering related information security positions such as network security engineers, systems security analysts, security administrators as well as non-security specific information technology positions that require an understanding of security concepts and of best security practices including system administrators, application programmers, database administrators and systems analysts. The SSCP's focus is on the technical aspects of information security and on the design, implementation and administration of information systems in compliance with stated policies.

Upon Completion

Benefits of the SSCP for You

- Validates competence, skill and commitment to the profession
- Offers a career differentiator with enhanced credibility and marketability.
- Fulfills government and organization requirements for information security certification mandates
Benefits of the SSCP for Your Employer

- Positions candidates on a level playing field as (ISC)$^2$ certifications are recognized internationally
- Provides increased credibility for your organization when working with vendors and contractors
- Empowers employees with a universal language, circumventing ambiguity with industry-accepted terms and practices.
- Satisfies certification mandate requirements for service providers or subcontractors

Course Content

The SSCP credential demonstrates competency in the following CBK® domains:

- Access Controls
- Cryptography
- Malicious Code and Activity
- Monitoring and Analysis
- Networks and Communications
- Risk, Response and Recovery
- Security Operations and Administration

Instructor-Led Demos

- Hashing
- Password Cracking
- Securing a Wireless Device
- Port scanning using nmap
- Wireshark Protocol Analyzer
- Configuring Security Policy for Windows Systems
- Setting Up a VPN using Windows systems
- Others