

# SSCP Training and Certification

Course: **00109**

Filter: **Beginner**

Duration: **5 days**

Category: **Gouvernance, Risk and Compliance**

Price: **2450,00 €**

## About Course

The SSCP Certification Course is a comprehensive training program designed to prepare individuals to become Systems Security Certified Practitioners. The course covers the essential skills and concepts needed to pass the SSCP certification exam, which assesses the knowledge and abilities of IT professionals in the domains of systems security. With a focus on data security and security vulnerabilities, this course covers topics such as access control, security operations, incident response, cryptography, and network security. It also delves into the security issues and solutions associated with cloud computing, hybrid clouds, and private clouds. As companies increasingly rely on data centers, interactive application security testing (IAST), and dynamic application security testing (DAST), it is essential for professionals to have a deep understanding of software security and common vulnerabilities. With this training, IT professionals can gain the visibility and control necessary to protect their data and applications, as well as their business logic and source code. To qualify for this course, individuals should have at least one year of full-time work experience in one of the domains covered in the SSCP exam. Upon completion of this course, individuals will be prepared to take the SSCP certification exam, which is included in the course tuition. With the knowledge gained from this training, professionals can help prevent data breaches and ensure the security of their organizations. Passing the SSCP Certification Exam meets U.S. DoD Directive 8140/8570.01 Technical (IAT) Level-I, Technical (IAT) Level-II, and CSSP Infrastructure requirements.

## What you'll learn

- Prepare for and pass the SSCP Exam.
- Implement authentication mechanisms.
- Document and operate security controls.

- Perform security assessment activities.
- Understand security issues related to networks.

## **Pre-requisites**

- This course is for Systems Analysts and Engineers, Security Engineers as well, Database Analysts, and other IT professionals who have a minimum of one year of full-time experience in one of the domains covered in the SSCP exam.

## **Curriculum**

### **Module 1: Access Controls**

- Implement authentication mechanisms
- Operate internetwork trust architectures
- Participate in the identity-management lifecycle
- Implement access controls

### **Module 2: Security Operations and Administration**

- Understand and comply with the code of ethics
- Understand security concepts
- Document and operate security controls
- Participate in asset management
- Implement and assess compliance with controls
- Participate in change management
- Participate in security awareness and training
- Participate in physical security operations

### **Module 3: Risk Identification, Monitoring, and Analysis**

- Understand the risk management process
- Perform security assessment activities
- Operate and maintain monitoring systems

- Analyze monitoring results

#### **Module 4: Incident Response and Recovery**

- Participate in incident handling
- Understand and support forensic investigations
- Understand and support BCP and DRP

#### **Module 5: Cryptography**

- Understand and apply fundamental concepts of cryptography
- Understand the requirements for cryptography
- Understand and support secure protocols
- Operate and implement cryptographic systems

#### **Module 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

#### **Module 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