

## Official (ISC)2 Certified Information Systems Security Professional Training (CISSP) - Including Exam

**Duration: 5 Days    Course Code: CISSP**

### Overview:

The Certified Information Systems Security Professional (CISSP) is the most globally recognized certification in the cybersecurity market. CISSP validates a cybersecurity professional's deep technical and managerial knowledge and experience to effectively design, engineer and manage an organization's overall security posture.

**Please note an exam voucher is included as part of this course**

### Target Audience:

Cybersecurity professionals with at least 5 years in the information security field. Member data has shown that a majority of CISSP holders are in middle management and a much smaller proportion are in senior or junior/entry-level positions. Roles include:

- Chief Information Officer
- Chief Information Security Officer
- Chief Technology Officer
- Compliance Manager / Officer
- Director of Security
- Information Architect
- Information Manager / Information Risk Manager or Consultant
- IT Specialist / Director / Manager
- Network / System Administrator
- Security Administrator
- Security Architect / Security Analyst
- Security Consultant
- Security Manager
- Security Systems Engineer / Security Engineer

Sectors  
CISSP is relevant across all sectors and industries, including:

- Aerospace
- Automotive
- Banking, financial services, insurance (BFSI)
- Construction
- Cybersecurity
- Energy
- Engineering
- Government
- Healthcare, IT products, services, consulting
- Manufacturing
- Pharma
- Retail
- Telecom

### Objectives:

- **After completing this course you should be able to:**
- Understand and apply fundamental concepts and methods related to the fields of information technology and security
- Align overall organizational operational goals with security functions and implementations.
- Understand how to protect assets of the organization as they go
- Understand the elements that comprise communication and network security coupled with a thorough description of how the communication and network systems function.
- List the concepts and architecture that define the associated technology and implementation systems and protocols at Open Systems Interconnection (OSI) model layers 1-7.
- Identify standard terms for applying physical and logical access

through their lifecycle.

- Understand the concepts, principles, structures and standards used to design, implement, monitor and secure operating systems, equipment, networks, applications and those controls used to enforce various levels of confidentiality, integrity and availability.
- Implement system security through the application of security design principles and application of appropriate security control mitigations for vulnerabilities present in common information system types and architectures.
- Understand the importance of cryptography and the security services it can provide in today's digital and information age.
- Understand the impact of physical security elements on information system security and apply secure design principles to evaluate or recommend appropriate physical security protections.

controls to environments related to their security practice.

- Appraise various access control models to meet business security requirements.
- Name primary methods for designing and validating test and audit strategies that support business requirements.
- Enhance and optimize an organization's operational function and capacity by applying and utilizing appropriate security controls and countermeasures.
- Recognize risks to an organization's operational endeavours and assess specific threats, vulnerabilities and controls.
- Understand the System Lifecycle (SLC) and the Software Development Lifecycle (SDLC) and how to apply security to it; identify which security control(s) are appropriate for the development environment; and assess the effectiveness of software security.

## Prerequisites:

■ Candidates must have a minimum of 5 years' cumulative work experience in 2 or more of the 8 domains of the CISSP

Common Body of Knowledge (CBK). Earning a 4-year college degree or regional equivalent or a recognized

credential from the (ISC)<sup>2</sup> approved list will satisfy 1 year of the required experience. Education credit will only

satisfy 1 year of experience.

A candidate who doesn't have the required experience may become an Associate of (ISC)<sup>2</sup> by successfully passing

the CISSP examination. The Associate of (ISC)<sup>2</sup> will then have 6 years to earn the 5 years of required experience.

Quick Read:

- Requires 5 years' professional experience in 2 or more of the certification's 8 domains
- College degree or education credit may satisfy 1 year of required experience
- Candidates with less experience may become Associates of (ISC)<sup>2</sup> after successfully passing the exam

## Testing and Certification

■ (ISC)<sup>2</sup> Certified Information Systems Security Professional  
Gaining this accreditation is not just about passing the exam, there are a number of other criteria that need to be met including 5 years of cumulative, paid work experience in two or more of the eight domains of the (ISC)<sup>2</sup> CISSP CBK . Full details can be found at <https://www.isc2.org/cissp/default.aspx>

Those without the required experience can take the exam to become an [Associate of \(ISC\)<sup>2</sup>](#) while working towards the experience needed for full certification

**Please note an exam voucher is included as part of this course**

## Content:

Domain 1: Security and Risk Management

Domain 2: Asset Security

Domain 3: Security Architecture and Engineering

Domain 4: Communication and Network Security

Domain 5: Identity and Access Management (IAM)

Domain 6: Security Assessment and Testing

Domain 7: Security Operations

Domain 8: Software Development Security

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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