

## Certified Information Systems Security Professional (CISSP)

### Overview

In this course, students will expand upon their knowledge by addressing the essential elements of the 8 domains that comprise a Common Body of Knowledge (CBK)® for information systems security professionals.

### Prerequisites

- CompTIA Network+ Certification
- CompTIA Security+ Certification

### Prerequisite Comments

It is highly recommended that students have certifications in Network+ or Security+, or possess equivalent professional experience upon entering CISSP training. It will be beneficial if students have one or more of the following security-related or technology-related certifications or equivalent industry experience: MCSE, MCTS, MCITP, SCNP, CCNP, RHCE, LCE, CNE, SSCP®, GIAC, CISA™, or CISM®.

### Target Audience

This course is intended for experienced IT security-related practitioners, auditors, consultants, investigators, or instructors, including network or security analysts and engineers, network administrators, information security specialists, and risk management professionals, who are pursuing CISSP training and certification to acquire the credibility and mobility to advance within their current computer security careers or to migrate to a related career. Through the study of all eight CISSP Common Body of Knowledge (CBK) domains, students will validate their knowledge by meeting the necessary preparation requirements to qualify to sit for the CISSP certification exam. Additional CISSP certification requirements include a minimum of five years of direct professional work experience in two or more fields related to the eight CBK security domains, or a college degree and four years of experience.

[Register Online](#)

### Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
ILT = "Instructor-Led-Training"

22/03/21	G2R	1:00PM - 9:00PM	Dublin, Ireland	OLL	EUR 2225
05/04/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
26/04/21	G2R	4:00PM - 12:00AM	Dublin, Ireland	OLL	EUR 2225
17/05/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
24/05/21		8:00AM - 4:00PM	Dublin, Ireland	OLL	EUR 2225
07/06/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
28/06/21	G2R	4:00PM - 12:00AM	Dublin, Ireland	OLL	EUR 2225
12/07/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
26/07/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
02/08/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
16/08/21		8:00AM - 4:00PM	Dublin, Ireland	OLL	EUR 2225
16/08/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
30/08/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
13/09/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
27/09/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
11/10/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225

## Course Objectives

In this course, you will identify and reinforce the major security subjects from the eight domains of the (ISC)2 CISSP CBK. You will:

- Analyze components of the Security and Risk Management domain.
- Analyze components of the Asset Security domain.
- Analyze components of the Security Engineering domain.
- Analyze components of the Communications and Network Security domain.
- Analyze components of the Identity and Access Management domain.
- Analyze components of the Security Assessment and Testing domain.
- Analyze components of the Security Operations domain.
- Analyze components of the Software Development Security domain.

25/10/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
08/11/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
29/11/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225
13/12/21	G2R	2:00PM - 10:00PM	Dublin, Ireland	OLL	EUR 2225

## Course Outline

### 1 - Security & Risk Management

- Topic A: Security Governance Principles
- Topic B: Compliance
- Topic C: Professional Ethics
- Topic D: Security Documentation
- Topic E: Risk Management
- Topic F: Threat Modeling
- Topic G: Business Continuity Plan Fundamentals
- Topic H: Acquisition Strategy and Practice
- Topic I: Personnel Security Policies
- Topic J: Security Awareness and Training

### 2 - Asset Security

- Topic A: Asset Classification
- Topic B: Privacy Protection
- Topic C: Asset Retention
- Topic D: Data Security Controls
- Topic E: Secure Data Handling

### 3 - Security Engineering

- Topic A: Security in the Engineering Lifecycle
- Topic B: System Component Security
- Topic C: Security Models
- Topic D: Controls and Countermeasures in Enterprise Security
- Topic E: Information System Security Capabilities
- Topic F: Design and Architecture Vulnerability Mitigation
- Topic G: Vulnerability Mitigation in Embedded, Mobile, and Web-Based Systems
- Topic H: Cryptography Concepts
- Topic I: Cryptography Techniques
- Topic J: Site and Facility Design for Physical Security
- Topic K: Physical Security Implementation in Sites and Facilities

#### 4 - Communications & Network Security

Topic A: Network Protocol Security  
Topic B: Network Components Security  
Topic C: Communication Channel Security  
Topic D: Network Attack Mitigation

#### 5 - Identity and Access Management

Topic A: Physical and Logical Access Control  
Topic B: Identification, Authentication, and Authorization  
Topic C: Identity as a Service  
Topic D: Authorization Mechanisms  
Topic E: Access Control Attack Mitigation

#### 6 - Security Assessment and Testing

Topic A: System Security Control Testing  
Topic B: Software Security Control Testing  
Topic C: Security Process Data Collection  
Topic D: Audits

#### 7 - Security Operations

Topic A: Security Operations Concepts  
Topic B: Physical Security  
Topic C: Personnel Security  
Topic D: Logging and Monitoring  
Topic E: Preventative Measures  
Topic F: Resource Provisioning and Protection  
Topic G: Patch and Vulnerability Management  
Topic H: Change Management  
Topic I: Incident Response  
Topic J: Investigations  
Topic K: Disaster Recovery Planning  
Topic L: Disaster Recovery Strategies  
Topic M: Disaster Recovery Implementation

#### 8 - Software Development Security

Topic A: Security Principles in the System Lifecycle  
Topic B: Security Principles in the Software Development Lifecycle  
Topic C: Database Security in Software Development  
Topic D: Security Controls in the Development Environment  
Topic E: Software Security Effectiveness Assessment

Related Courses, Certifications, Exams \_\_\_\_\_

- CompTIA Network+ Certification (Exam N10-007)
  - CISSP® - Certified Information Systems Security Professional
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