

(ISC)² CISSP – Certified Information Systems Security Professional

Ready to earn your CISSP certification? Level up your cybersecurity career with CISSP training. This course breaks down all eight ISC2 CISSP domains into easy-to-follow, expert-led lessons. You'll learn practical knowledge on governance frameworks, secure design principles, and incident handling while sharpening risk analysis, policy writing, and business continuity planning. Plus, get access to unlimited practice exams and our CISSP study guide PDF to keep you on track. This course helps you train smarter, stay focused, and get certified with confidence.

[CBT Nuggets course material](#) →



WEEK 1

Ethics and Security Fundamentals

- Managing Information Security
- ISC2 Code of Professional Ethics
- Organizational Code of Ethics
- The Five Pillars of Information Security
- Overprotection and the DAD Triad
- Requirements
- Validation

Governance and Compliance

- Introduction
- Business Processes
- Organizational Roles and Responsibilities
- Security Control Frameworks
- Licensing and Intellectual Property (IP)
- Software Licensing
- Import/Export and Transborder
- Validation

Investigations, Policy Development and BCP

- Introduction
- Types of Investigations
- Policies, Standards, Procedures and Guidelines
- Business Continuity Planning (BCP) - Project Scope & Plan
- BCP - Business Impact Analysis (BIA)
- BCP - Continuity Planning
- BCP - Plan Approval & Implementation

Validation

Risk Management and Security Controls

Introduction

Managing Risk

Assessing Risk

Risk Response and Treatments

Security Controls and SCA

Risk Monitoring and Reporting

Risk Frameworks

Validation

Threat Modeling and Security Awareness Training

Introduction

Personnel Security

Threat Modeling and Frameworks

Threat Modeling In Action

Supply Chain Risk Management (SCRM)

Security Awareness Training

Validation

Managing Asset Security

Introduction

Identify and Classify Assets

Information and Asset Handling Requirements

Secure Provisioning of Assets

The Data Lifecycle

Data Security Controls and Compliance Requirements

Validation

Secure Design Principles

Introduction

Secure Design Principles

Security Models

System Security Requirements

Security Capabilities of Information Systems

Assess and Mitigate Vulnerabilities Pt.1

Assess and Mitigate Vulnerabilities Pt.2

Validation

Cryptographic Solutions and Attacks

Introduction

Cryptographic Lifecycle

Cryptographic Methods

Public Key Infrastructure (PKI)

Hashing & Digital Signatures

Methods of Cryptanalysis Attacks

Validation

Securing Facilities and the IS Lifecycle

Introduction

Considerations For Site and Facility Security

Designing Site Security Controls

Data Center and Closets

Heating, Ventilation and Air Conditioning (HVAC)

Power

Dealing With Fire

Other Areas of Interest

The Information System Lifecycle

Validation

The Building Blocks of Networking

Introduction

What is Networking?

Network Addressing

The TCP/IP Model

Fragmentation and the TCP 3-Way Handshake

Sockets and Ports

OSI Model

The OSI Model In Action

Validation

IP Addressing and Secure Protocols

Introduction

IP Version 4 (IPv4)

Network Address Translation (NAT)

IPv4 Communications

Hexadecimal and IPv6

Secure Protocols

Validation

Network Protocols and Architecture

Introduction

Converged Protocols

Transport Architecture

Performance Metrics

Physical and Logical Segmentation

Micro-Segmentation and Edge Networks

Validation

Securing Wireless, SDN and VPCs

Introduction

Securing Wireless and Cellular Networks

Securing SDN's and VPC's

Exploring VPC's

Monitoring and Management

Validation

WEEK 2

Securing Network Components & Communications

Introduction

Securing Operational Infrastructure Pt.1

Securing Operational Infrastructure Pt.2

Securing Operational Infrastructure Pt.3

Securing Transmission Medium

Securing Voice, Video and Remote Access

Securing WAN Communications

Third-Party Connectivity

Validation

Identity and Authentication Strategy

Introduction

Controlling Access To Assets

Identity and Authentication Pt.1

Identity and Authentication Pt.2

Federated Identity With A Third-Party Service

Validation

Authorization Mechanisms and Identity Management

Introduction

Authorization Mechanisms

Identity and Access Provisioning Lifecycle

Implement Authentication Systems Pt.1

Implement Authentication Systems Pt.2

Validation

Security Assessments & Testing Methods

Introduction

Security Assessment & Testing Program

Auditing Standards

Security Control Testing Methods Pt.1

Analyzing A Nessus Vulnerability Scan Report

Security Control Testing Methods Pt.2

Validation

Data Collection and Auditing

Introduction

Security Process Data

Analyze Test Output and Generate Report

Conduct or Facilitate Security Audits

PCI-DSS Controls

Validation

Complying With Investigations

Introduction

Types of Investigations

Evidence Collection

Evidence Analysis

Seeing Some of These Tools in Action

Evidence Verification and Presentation

Validation

Infrastructure Awareness and Security Concepts

Introduction

Logging & Monitoring

Looking At Windows Logs

Monitoring Tools & Techniques

Configuration Management

Foundational Security Operations Concepts

Validation

Resource Protection and Management

Introduction

Applying Resource Protection

Conducting Incident Management

Managing Detection and Preventative Measures

Vulnerability, Patch and Change Management

Validation

BC/DR, Physical Security & Safety

Introduction

Recovery Strategies

Recovery Strategies

Disaster Recovery Process

Disaster Recovery Testing

Business Continuity Planning & Exercises

Physical Security & Personnel Safety

Validation

Secure Software Development

Introduction

Business Requirements

The Software Development Life Cycle (SDLC)

Software Development Methodologies

Security Controls in Development Environments

Integrated Development Environment (IDE)

Validation

Assessing Application Security

Introduction

Assessing Software Security

Assessing Acquired Software Security

Secure Coding Guidelines and Standards

Secure Coding Practices

Validation