

CISSP® – Certified Information Systems Security Professional

Think like a security leader across all eight domains — and prepare for the ISC2 CISSP exam with structured, scenario-based practice.

DURATION

5 days · 40 hours

LEVEL

Expert

CURRICULUM

13 modules · 5 labs

DELIVERYLive online, Onsite,
Corporate

Course overview

CISSP is one of the most respected credentials in information security because it tests breadth and judgement rather than tool skills. Candidates must understand security across governance, architecture, networks, identity, testing, operations and software, and answer questions from the viewpoint of a security manager advising the business. This five-day course prepares you to think that way.

The course covers all eight domains of the ISC2 Common Body of Knowledge. Day one covers security and risk management, including governance, compliance, professional ethics, business continuity and risk frameworks, along with asset security. Day two focuses on security architecture and engineering: design principles, security models, cryptography and physical security. Day three addresses communication and network security, followed by identity and access management.

Day four covers security assessment and testing and security operations, including investigations, logging and monitoring, incident management, disaster recovery and change management. Day five addresses software development security and closes with an exam-readiness session focused on the computerised adaptive testing format, time management and how to choose the best answer when several seem correct.

Each domain is taught through practical examples from organisations in India and the Gulf, with regular question practice and discussion. This course is aligned to the CISSP exam and prepares you for it. Certification also requires relevant work experience and endorsement, so check the current requirements on the ISC2 website before booking.

Highlights

- 40 hours of live, domain-by-domain preparation
- All eight CISSP domains with real-world examples
- Practice in thinking like a risk adviser and manager
- Adaptive-exam strategy and question practice
- Weekday and weekend batches in IST and Gulf Time

What's included

- Complete coverage of all eight domains
- Manager's-perspective question technique
- Domain-end practice questions with discussion
- Adaptive exam strategy session
- Memory aids for frameworks and models
- Study plan for the weeks after the course
- Course completion certificate from Ace Skills Consulting
- Post-training doubt support while you prepare

Who this course is for

Who should attend

- Security managers and architects
- Security consultants and auditors
- IT managers with security responsibilities
- Senior security engineers moving into leadership
- Chief information security officers and deputies

Prerequisites

- Several years of experience in information security (ISC2 sets the exact experience requirement for certification)
- Broad familiarity with networking, systems and security concepts

Detailed curriculum — 5 days, 40 hours, 13 modules, 5 hands-on labs

Day 1 Security & Risk Management; Asset Security

8 hours

1.1 Governance and professional ethics

- ISC2 Code of Ethics
- Policies, standards, procedures and guidelines
- Security governance principles
- Legal, regulatory and privacy requirements

1.2 Risk and continuity

- Risk management concepts and frameworks
- Supply chain risk management
- Security awareness and training
- Threat modelling
- Business continuity requirements

LAB Risk assessment workshop for a case organisation · 40 min

1.3 Asset security

- Information and asset classification
- Data retention and destruction
- Data life cycle and ownership roles
- Data security controls

Day 2 Security Architecture & Engineering

8 hours

2.1 Secure design

- Secure design principles
- Evaluation criteria and capabilities of systems
- Security models
- Vulnerabilities in architectures including cloud and IoT

2.2 Cryptography

- Cryptographic life cycle and methods
- Key management
- Public key infrastructure
- Cryptanalytic attacks

LAB Choose cryptographic solutions for a set of business scenarios · 35 min

2.3 Physical security

- Site and facility design
- Environmental and power protection
- Physical controls

Day 3 Communication & Network Security; Identity & Access Management

8 hours

3.1 Network architecture

- OSI and TCP/IP models
- Secure communication channels
- Secure network components
- Network attacks and countermeasures

LAB Design a segmented, secure network for a case scenario · 40 min

3.2 Identity and access management

- Physical and logical access control
- Authorisation models
- Identification, authentication and federation
- Identity and access provisioning life cycle

Day 4 Security Assessment & Testing; Security Operations

8 hours

4.1 Assessment and testing

- Assessment and audit strategies
- Security process data and metrics
- Vulnerability assessment and penetration testing
- Analysing test results

4.2 Investigations and monitoring

- Investigation types and evidence
- Configuration and change management
- Logging and monitoring
- Resource protection

4.3 Incidents and recovery

- Incident management
- Disaster recovery strategies and testing
- Detective and preventive measures
- Personnel safety and security

LAB Disaster recovery planning exercise · 40 min

Day 5 Software Development Security & Exam Readiness

8 hours

5.1 Software development security

- Security in the development life cycle
- Assessing software security
- Development environment controls
- Secure coding guidelines

5.2 Exam readiness

- How computerised adaptive testing works
- Time management for up to three hours
- Thinking like a manager
- Cross-domain practice questions with review

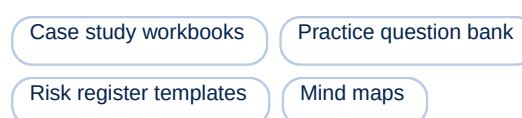
LAB Timed cross-domain practice set with group review · 60 min

Skills and tools

Skills you will build



Tools used in class



Certification exam

This course is aligned to the exam below and prepares you for it. The exam itself is booked and taken with the vendor.

Exam	CISSP – Certified Information Systems Security Professional
Exam code	CISSP
Questions	100–150
Duration	180 minutes

Passing score	700 / 1000 (scaled)
Format	Adaptive, Multiple choice
Delivery	Test centre
Official page	https://www.isc2.org/certifications/cissp

Exam skill areas covered

Security and Risk Management
 Asset Security
 Security Architecture and Design
 Security Operations
 Incident Response and Computer Forensics
 Communication and Security

Exam details are pending verification. Confirm the current exam code, format and fee on the official vendor page before booking.

Frequently asked questions

How does the CISSP adaptive exam work?

The English exam uses computerised adaptive testing with 100 to 150 items over up to three hours. The difficulty adjusts to your answers, and the exam ends once you have clearly passed or failed.

What if I do not yet have enough experience?

You can still take the exam. ISC2 offers an Associate of ISC2 route for candidates who pass without the full experience; check ISC2 for the current rules.

How long should I study after the course?

Most working professionals revise for six to ten weeks, using our study plan and practice questions.

Is the course very technical?

It covers technical topics, but the focus is on understanding and judgement. The exam rewards managerial thinking over tool knowledge.

Can you run CISSP preparation for our security team?

Yes. Private batches can be scheduled around work commitments, including weekend formats.

Book a batch or talk to an advisor

Course page: aceskillsconsulting.com/course/cissp-certified-information-systems-security-professional · Email: info@aceskillsconsulting.com

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Exam details are provided for guidance and may change — always confirm on the vendor's official website. Curriculum generated on 23 Oct 2026; topics and order may be adjusted by the trainer to suit each batch.