CISSP Exam Prep

Design, engineer and manage an enterprise security programme across all eight CISSP domains.

DURATION	FORMAT	LEVEL	LABS
45 hours	Onsite, online or hybrid	Advanced	Cloud sandbox included

About this programme

An advanced programme for experienced security professionals covering the eight ISC2 CISSP domains, from governance and risk to architecture, network security, identity, assessment, operations and secure software development, with preparation for the CISSP exam.

Who it is for: Security managers, architects, consultants and senior analysts

What your team will be able to do

- Align security governance, compliance and risk management with business goals
- Classify and protect information assets across their lifecycle
- Apply secure design principles, security models and cryptography
- Design secure networks and identity and access management
- Run security assessment, operations and secure SDLC practices

Before you start

- Several years of security work in at least two of the eight CISSP domains
- The exam owner sets its own experience rules for certification; check them before booking

Course outline

1. Security and risk management

- Security governance aligned to business objectives and ethics
- Legal, regulatory and compliance requirements such as GDPR and HIPAA
- Frameworks: ISO 27001, NIST and COBIT
- Risk management, threat modelling and supply chain risk
- Business continuity, disaster recovery and security awareness

2. Asset security

- Information and asset classification
- Data handling, DRM, DLP and the data lifecycle
- Privacy protection

3. Security architecture and engineering

- Secure design principles, security models and frameworks
- Cryptography
- Vulnerability assessment, mitigation and physical security

4. Network security and identity

- Secure network design and communication channels
- Network component security
- Identity lifecycle management and access control models
- Authentication and authorisation

5. Assessment, operations and software security

- Security assessment, control testing and audits
- Incident management, monitoring and logging
- Operational security, disaster recovery and business continuity
- Secure SDLC, secure coding and application security testing

Sample schedule

6 days onsite, or 12 half-day sessions online. We fit days and session lengths to your team's calendar.

Day 1	8 h	Security and risk management
Day 2	8 h	Security and risk management (continued); Asset security
Day 3	8 h	Asset security (continued); Security architecture and engineering
Day 4	8 h	Security architecture and engineering (continued); Network security and identity
Day 5	8 h	Network security and identity (continued); Assessment, operations and software security
Day 6	5 h	Assessment, operations and software security (continued)

Assessment and certification

How learning is checked

- A short knowledge check on day one and again at the end, so you can see each person's progress
- Graded hands-on labs in every module, reviewed by the trainer
- A final exercise that applies the programme to a problem like your team's own
- A timed practice exam in the format of the real one, with a review of every answer

Certificate and exams

- Participants who complete the programme receive a Cognitive Networks AI certificate of completion.
- Prepares your team for the CISSP exam. Exam vouchers are not included: each participant books the exam with ISC2.

Formats and cohort size

- Onsite: At your office or a venue you choose, in full days.
- Online, live: Instructor-led over video, usually in half-day sessions so people can keep up with work.
- Hybrid: Some days in a room together, the rest online. Useful when a team works across cities.

Cohort size: 15 to 25 people per trainer. Larger teams run as parallel cohorts on the same outline, so everyone learns the same thing.

Pricing: We quote per cohort, based on duration, format and number of cohorts. There is no per-seat price list: tell us your team and we send a proposal within one business day.

Bring this programme to your team

Request a proposal at cognitivenetworks.ai/contact?programme=cissp

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