Course : CISSP, IS Security, Certification Prep

Practical course - 5d - 35h00 - Ref. CIS
Price : 4040 CHF E.T.

★★★★⯪ **4,6 / 5**

(BEST) (Nouvelle édition)

Certification

To take the certification exam, you must register on the ISC2 website and submit an eligibility packet.

Course schedule

1 **IS security and the (ISC)²'s CBK**

- Information system security.
- The why of CISSP certification.
- Overview of the scope covered by the CBK.

2 **Security management and operations security.**

- Security management practices. Writing policies, directives, procedures, and standards for security.
- The security awareness program, management practices, risk management, etc.
- Operations security: Preventive, detective, and corrective measures, roles and responsibilities of those involved.
- Best practices, security when hiring, etc.

3 **Architecture, security models, and access control**

- Architecture and security models: System architecture, theoretical informational security models.
- System evaluation methods, operational security modes, etc.
- Access control systems and methodologies. Categories and types of access controls.
- Access to data and systems, intrusion prevention systems (IPS) and intrusion detection systems (IDS).
- Audit trails, threats and attacks related to access control, etc.

PARTICIPANTS

PREREQUISITES

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

(4) Cryptography and development security

- Cryptography. Concepts, symmetrical and asymmetrical cryptography.
- Hash functions, public key infrastructure, etc.
- Security of application and system developments. Databases, data warehouses.
- The development cycle, object-oriented programming, expert systems, artificial intelligence, etc.

(5) Telecom and network security

- Telecom and network security. Basic concepts, TCP/IP model, network and security equipment.
- Security protocols, attacks on networks, data backups, wireless technologies, VPNs, etc.

(6) Continuity of business, laws, ethics, and physical security.

- Continuity of operations and disaster recovery plan.
- Business continuity plan, disaster recovery plan.
- Emergency measures, training and awareness program, crisis communications, exercises and tests, etc.
- Law, investigations, and ethics: Civil, criminal, and administrative law, intellectual property.
- Legal framework of investigations, evidence admissibility rules, etc.
- Physical security. Threats and vulnerabilities related to the environment of a place, scope of security.
- Layout requirements, site monitoring, staff protection, etc.

Dates and locations

REMOTE CLASS
2026 : 20 Apr., 18 May, 8 June, 8 June, 28 Sep.,
28 Sep., 19 Oct., 16 Nov., 14 Dec., 14 Dec.

TERMS AND DEADLINES
Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES
Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.