

Duration: 5 Days

Since 1978, the ISACA® Certified Information Systems Auditor (CISA) program, has been the globally accepted standard of achievement among information systems (IS) audit, control and security professionals. The technical skills and practices that CISA promotes and evaluates are the building blocks of success in the field. This course provides an intense environment in which participants can acquire the skills and knowledge expected of a world-class information systems audit, control and security professional.

Audience

The CISA prep training course (ISACA®) is aimed to CISA Exam candidates who have at least 5 years of Information System Audit experience.

Objectives

At the conclusion of this course, attendees will understand:

- Learn the specific requirements for passing the CISA Exam and attaining your certification.
- Review key concepts, tasks and knowledge related to the duties of an information system auditor, which serve as the foundation of the CISA Exam aligned with the following domains:
 - The Process of Auditing Information Systems,
 - Governance and Management of IT,
 - Information Systems Acquisition, Development and Implementation,
 - Information Systems Operations, Maintenance and Service Management,
 - Protection of Information Assets
- Learn successful methods of "how to" evaluate Exam questions and answers, including analysis and explanations,
- Review useful, proven information on study and exam time management
- Complete and review a mock exam, including answers and explanations.

Course Syllabus**1. Welcome & Introduction****2. General Information About the Exam**

- Pre-requisites.
- About the CISA Exam.
- Certification Steps.

3. Domain 1: The Process of Auditing Information Systems

- **Planning**
 - IS Audit Standards, Guidelines and Codes of Ethics,
 - Business Processes,
 - Types of Controls,
 - Risk-based Audit Planning,
 - Types of Audits and Assessments.
- **Execution**
 - Audit Project Management,
 - Sampling Methodology,
 - Audit Evidence Collection Techniques,

- Data Analytics,
- Reporting and Communication Techniques,
- Quality Assurance and Improvement of the Audit Process.

4. Domain 2: Governance and Management of IT

- **IT Governance and IT Strategy**
 - IT-related Frameworks,
 - IT Standards, Policies and Procedures,
 - Organizational Structure,
 - Enterprise Architecture,
 - Enterprise Risk Management,
 - Maturity Models,
 - Laws, Regulations and Industry Standards Affecting the Organization.
- **IT Management**
 - IT Resource Management,
 - IT Service Provider Acquisition and Management,
 - IT Performance Monitoring and Reporting,

- Quality Assurance and Quality Management of IT.

5. Domain 3: Information Systems Acquisition, Development and Implementation

- **Information Systems Acquisition and Development**
 - Project Governance and Management,
 - Business Case and Feasibility Analysis,
 - System Development Methodologies,
 - Control Identification and Design.
- **Information Systems Implementation**
 - Testing Methodologies,
 - Configuration and Release Management,
 - System Migration, Infrastructure Deployment and Data Conversion,
 - Post-implementation Review.

6. IS Operations and Business Resilience

- **Information Systems Operations**
 - Common Technology Components,
 - IT Asset Management,

- Job Scheduling and Production Process Automation,
 - System Interfaces,
 - End-user Computing,
 - Data Governance,
 - Systems Performance Management,
 - Problem and Incident Management,
 - Change, Configuration, Release and Patch Management,
 - IT Service Level Management,
 - Database Management.
 - **Business Resilience**
 - Business Impact Analysis,
 - System Resiliency,
 - Data Backup, Storage and Restoration,
 - Business Continuity Plan,
 - Disaster Recovery Plans.
- 7. Domain 5: Information Asset Security and Control**
- **Information Asset Security Frameworks, Standards and Guidelines**
 - Privacy Principles,
 - Physical Access and Environmental Controls,
 - Identity and Access Management,
 - Network and End-point Security,
 - Data Classification,
 - Data Encryption and Encryption-related Techniques,
 - Public Key Infrastructure,
 - Web-based Communication Technologies,
 - Virtualized Environments,
 - Mobile, Wireless and Internet-of-things Devices.
- **Security Event Management**
 - Security Awareness Training and Programs
 - Information System Attack Methods and Techniques,
 - Security Testing Tools and Techniques,
 - Security Monitoring Tools and Techniques,
 - Incident Response Management,
 - Evidence Collection and Forensics
- 8. Examination Administration and Techniques**
- Examination Administration.
 - Examination Techniques.
 - Frequently Asked Questions.
- 9. Practice Exam**
- 10. Closing and questions**

Fees include:



- Training accredited by ISACA, delivered by an accredited trainer for the CISA domains
- Official ISACA CISA Review Manual provided in electronic format to participants
- ISACA official CISA Practice Question Database – 12 Month Subscription provided to participants
- Course workbook including all the slides presented during the course delivery
- Practice exam and answers review and analysis on the last day of the session
- Voucher allowing to take the exam during the next 12 months in a PSI exam center. (optional))