Certified Information Systems Auditor (CISA) – ISACA

18 – 22 October 2027
Amsterdam (Netherlands)



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Introduction

The Certified Information Systems Auditor CISA certification by ISACA is one of the most prestigious and globally recognized credentials in information systems auditing, control, and assurance.

This course is designed to prepare participants for the CISA certification exam by providing a comprehensive understanding of information systems audit, IT governance, risk management, and security frameworks.

Through practical examples and real-world case studies, participants will gain the knowledge and confidence to evaluate, monitor, and protect organizational information systems effectively.

The program focuses on international standards, best practices, and professional techniques required to perform high-quality audits and strengthen governance across digital environments.

Course Objectives

By the end of this course, participants will be able to:

- Understand the principles and practices of information systems auditing.
- Apply ISACA's global standards and frameworks in audit execution.
- Identify and assess IT-related risks and their impact on business operations.
- Evaluate the design and effectiveness of technical and operational controls.
- Ensure compliance with organizational policies and regulatory requirements.
- Develop audit programs and plans based on risk assessment.
- Prepare accurate and professional audit reports with actionable recommendations.
- Confidently prepare for and pass the CISA certification exam.

Course Outlines

Day 1: Introduction to Information Systems Auditing

- Overview of information systems audit and its importance.
- Roles and responsibilities of an information systems auditor.
- Audit life cycle and stages of the audit process.
- Understanding IT controls and their business significance.
- Risk-based audit planning and execution.
- Practical exercise: defining audit scope and objectives.



Day 2: IT Governance and Risk Management

- Principles of IT governance and accountability frameworks.
- Aligning IT strategy with organizational goals.
- Enterprise risk management in IT environments.
- Regulatory compliance and policy development.
- Performance evaluation and maturity assessment models.
- Case study: Implementing IT governance within an organization.

Day 3: Information Systems Development and Implementation

- Understanding system development life cycles SDLC.
- Auditor's role during system design, testing, and implementation.
- Reviewing data integrity and application security controls.
- Risk management in IT projects and system changes.
- Identifying weaknesses in system configurations and deployments.
- Workshop: auditing a live system implementation process.

Day 4: Information Security and Business Continuity

- Core concepts of information security management.
- Access control mechanisms and user management.
- Evaluating security policies and incident response strategies.
- Data backup, disaster recovery, and business continuity planning.
- Assessing resilience against cyber threats and vulnerabilities.
- Practical session: reviewing a business continuity and recovery plan.

Day 5: Audit Reporting, Communication, and Certification Preparation

- Documenting and analyzing audit findings.
- Preparing reports that meet ISACA's international standards.
- Communicating audit results effectively to senior management.
- Following up on recommendations and corrective actions.
- Review session: key exam areas and preparation strategies.
- Mock assessment: CISA exam-style questions and discussion.



Why Attend This Course? Wins & Losses!

- Gain full mastery of all domains covered in the CISA certification.
- Strengthen technical auditing and risk assessment skills.
- Learn to evaluate IT governance and compliance frameworks.
- Enhance professional credibility with a globally recognized qualification.
- Improve audit quality and reporting accuracy.
- Expand career opportunities in IT audit, cybersecurity, and risk management.
- Build a strong foundation for continuous professional development.
- Learn from real-world scenarios and case-based exercises.

Conclusion

The Certified Information Systems Auditor CISA - ISACA course equips professionals with the essential knowledge and tools to audit, control, and secure modern information systems.It blends theoretical frameworks with practical techniques, ensuring participants are fully prepared to manage IT audit processes and governance effectively.

This program is a gateway to achieving professional excellence, enhancing career advancement, and contributing to the security and reliability of organizational information systems.Earning the CISA certification represents not only professional credibility but also a commitment to excellence in IT auditing and governance.

