

Certified Information Systems Auditor (CISA)

IT & IT Engineering
Baku (Azerbaijan)
27 Jan - 07 Feb 2025

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Certified Information Systems Auditor (CISA)

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Introduction

Certified Information Systems Auditor CISA is a globally acknowledged certification, which builds upon the previous experience of IS professionals, to produce valuable employees who possess exceptional knowledge of Information Systems Auditing, Control, and Security.

During this CISA training course, delegates will be exposed to the Five Domains of Information Security Auditing. These domains comprise the foundations of CISA and it is imperative that delegates grasp a complete understanding of these aspects in order to pass the CISA exam and use their certification within the workplace. Within each of these domains exists multiple topics, which when combined, provide a comprehensive overview of the domain of focus.

Course Objectives of Certified Information Systems Auditor CISA

- The Process of Auditing Information Systems
- Governance & Management of IT
- Information Systems Acquisition, Development, and Implementation
- Information Systems Operations, Maintenance, and Support
- Protection of Information Assets

Certified Information Systems Auditor CISA Course Outlines

Day 1

Information Systems Audit Process:

- Developing a risk-based IT audit strategy
- Planning specific audits
- Conducting audits to IS audit standards
- Implementation of risk management and control practices

Day 2

IT Governance and Management:

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- Effectiveness of IT Governance structure
- IT organisational structure and human resources personnel management
- Organisation's IT policies, standards, and procedures
- Adequacy of the Quality Management System

Day 3

IT management and monitoring controls

- IT resource investment
- IT contracting strategies and policies
- Management of organisations IT-related risks
- Monitoring and assurance practices
- Organisation business continuity plan

Day 4

Information Systems Acquisition, Development, and Implementation:

- Business case development for IS acquisition, development, maintenance, and retirement
- Project management practices and controls
- Conducting reviews of project management practices
- Controls for requirements, acquisition, development, and testing phases

Day 5

Information Project Plan

- Readiness for Information Systems
- Project Plan Reviewing
- Post Implementation System Reviews

Day 6

Information Systems Operations, Maintenance, and Support:

- Conduct periodic reviews of organisations objectives
- Service level management
- Third party management practices
- Operations and end-user procedures

Day 7

Process of information systems maintenance

- Data administration practices determine the integrity and optimisation of databases
- Use of capacity and performance monitoring tools and techniques
- Problem and incident management practices

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) on it, set against a background of concentric circles.

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Day 8

- Change, configuration, and release management practices
- Adequacy of backup and restore provisions
- Organisation's disaster recovery plan in the event of a disaster

Day 9

Protection of Information Assets:

- Information security policies, standards and procedures
- Design, implementing, monitoring of system and logical security controls

Day 10

- Design, implementing, monitoring of data classification processes and procedures
- Design, implementing, monitoring of physical access and environmental controls
- Processes and procedures to store, retrieve, transport and dispose of information assets

A graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) on it, set against a background of concentric circles. The text 'UK Training PARTNER' is overlaid on the right side of the board.

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