

CISA Certified Information Systems Auditor

Learn the key skills in order to pass the Certified Information Systems Auditor exam and obtain the CISA certification.

This is a 4 day course which covers different aspects around Information Systems security and auditing. You will also be looking at Information Systems control as well. This course is highly suited to anyone who is interested in Information Systems.

Objective

By the end of completing the CISA course delegates will be:

- Experienced with IS auditing and security
- More employable in the Information Systems field
- Able to complete and pass the official CISA exam

Details

Duration: 4 Days

Who is this course for

There are no pre-requisites to take this course.

Course Content

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

IT Governance and Management:

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

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
- Readiness for information systems
- Project Plan Reviewing
- Post Implementation System Reviews

Information Systems Operations, Maintenance and Support:

- Conduct periodic reviews of organisations objectives
- Service level management
- Third party management practices
- Operations and end-user procedures
- Process of information systems maintenance
- Data administration practices to determine the integrity & optimisation of databases
- Use of capacity and performance monitoring tools & techniques
- Problem and incident management practices
- Change, configuration and release management practices
- Adequacy of backup and restore provisions
- Organisation's disaster recovery plan in the event of a disaster

Protection of Information Assets:

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

