

# Certified Information Systems Auditor® (CISA®) Examination Preparation Course



CISA® certification is for the individual who manages the business expectations of an information system, applies best IT practices, and/or assesses whether the information systems meets these expectations and best practices. CISA® certification promotes international practices and provides executive management with assurance that those earning the designation have the required experience and knowledge to perform an information systems audit.

CISA® is more than an entry-level certification and is a much sought-after designation for IS auditors, IT security and Control personnel. It has often been looked upon as a mandatory qualification for the information systems auditor and is specifically developed for the information systems professional who has acquired experience working on the front lines of all aspects of information systems or managing those who do. Individuals with five years or more of experience managing information systems will find CISA® tailored to their expertise and the increasing global demand for high standards of certified professionalism.

## Course Objectives

This practical five-day, instructor-led course is designed to ensure that the delegates:

- Obtain the skills and knowledge of the core competencies required of an information systems professional whether planning to sit for the examination or not, they will have gained this in a structured learning environment.
- Gain the knowledge required for, and have thoroughly prepared for the certification examination in systematic way.

## Course Objectives by Audience:

- Information systems professionals with 3-5 years of information systems audit experience
- Information systems security managers or those with management responsibilities
- Information systems security staff and other information security assurance providers who require and in-depth understanding of information systems audit management

During the program, students will learn and prepare for the certification examinations. This learning programme employs outcome-based delivery that focuses on preparing you for the skills required to pass the rigorous CISA® examination. You will work through a series of sample exam questions and mock tests in order to strengthen your ability in preparing for and undertaking the examination.

The CISA® Examination follows a multiple-choice format and consists of one four-hour paper. The examination tests a candidate's knowledge of IS audit principles and practices as well as technical content areas. The exam covers one process and five content areas (domains) and those tasks that are routinely performed by a CISA®.

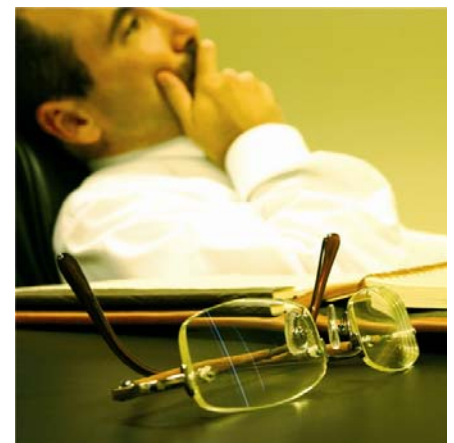
## In-house Training

All Analytix Courses are available in-house, should your organisation have a number of people or multiple sets to train. The cost advantages and the ability to discuss and resolve organisational issues are two major attractions of such training.

## Who will benefit?

The course is aimed at preparing candidates for the CISA® examination by providing them with the knowledge & understanding they require to pass the exam, as defined by ISACA® i.e.:

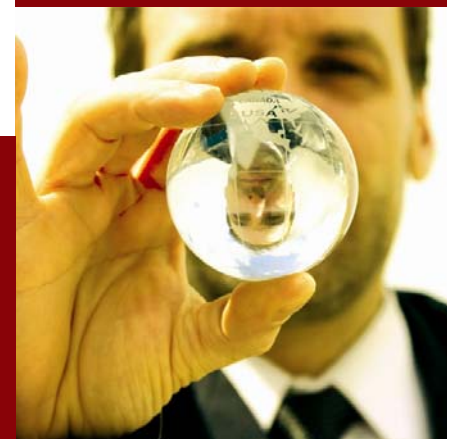
- IT Systems Auditors
- Internal & External Auditors
- Information Security Managers / Officers / Professionals
- Auditors involved in Information Security
- Financial & Operational Auditors



## What you will learn

On completion of the course, delegates will be able to enhance their preparation for the CISA® exam by learning about the six focus areas:

Content areas	% of exam
1. IS audit process	10%
2. IT governance	15%
3. Systems and infrastructure lifecycle management	16%
4. IT service delivery and support	14%
5. Protection of information assets	31%
6. Business continuity and disaster recovery	14%



## Course Content



### Information System Audit Process

Provide IS audit services in accordance with IS audit standards, guidelines, and best practices to assist the organization in ensuring that its information technology and business systems are protected and controlled:

- Develop and implement a risk-based IS audit strategy for the organisation
- Coordinate detailed audits to for protecting and controlling IT and business systems
- Conduct audits in accordance with IS audit standards, guidelines and best practices
- Effectively communicate potential issues, potential risks, and audit results to senior management
- Provide advice on the implementation of risk management and control practices

### IT Governance

Provide assurance that the organisation has the structure, policies, accountability, mechanisms, and monitoring practices in place to achieve the requirements of corporate governance of IT:

- Assess IT governance structure effectiveness to ensure adequate board control over the decisions, directions and performance of IT
- Examine IT organisational structure and human resources (personnel) management
- Evaluate the IT strategy and the process for its development, approval, implementation and maintenance
- Identify the organisation's IT policies, standards, and procedures and the processes for their development, approval, implementation and maintenance
- Define IT resource investment, use and allocation practices
- Establish IT contracting strategies and policies, and contract management practices
- Determine organisational risk management practices
- Pinpoint monitoring and assurance practices

### Systems and Infrastructure Lifecycle Management

Provide assurance that the management practices for the development/acquisition, testing, implementation, maintenance, and disposal of systems and infrastructure will meet the organisation's objectives:

- Apply project management practices
- Determine business risks of development projects
- Use system testing and acceptance
- Define information systems maintenance practices

### IT Service Delivery and Support

Provide assurance that the IT service management practices will ensure the delivery of the level of services required to meet the organisation's objectives:

- Understanding information systems operations
- Identifying information systems hardware
- Assessing information systems architecture and software
- Identifying information systems infrastructure

### Assessing Protection of Information Assets

Provide assurance that the security architecture (policies, standards, procedures, and controls) ensures the confidentiality, integrity, and availability of information assets:

- The importance of information security management
- Creating logical access exposure and controls
- Identifying network infrastructure security
- Pinpointing the audit process of the information security management framework and network security
- Understanding environmental and physical access exposures and controls

### Business Continuity and Disaster Recovery

Provide assurance that in the event of a disruption the business continuity and disaster recovery processes will ensure the timely resumption of IT services while minimizing the business impact:

- Assessing the role of business continuity and disaster recovery planning
- Conducting the auditing process of business continuity and disaster recovery

### Approach, Deliverables and Method

#### The practical hands-on course provides:

- Cross referencing and alignment to ISACA®'s CISA® Review Manual
- Instruction from a certified CISA® trainer with extensive operational experience across a broad range of public and private sector organisations

#### Course Deliverables:

- Comprehensive course notes and advice on further sources of information
- Certificate of attendance upon completion of the course

#### Delivery Method:

- Classroom style - combining lecture, discussion, practical examination tips and case studies utilising course materials, digital projector and flipchart
- Delegates are encouraged to bring their copy of the CISA® Review Manual as issued by ISACA® to the course

### Consulting Services

Analytix's Consulting Services include, among others, Business Continuity Management, Corporate and IT Governance, ISO 27001 compliant ISMS implementation, IT maturity assessments, security certification assistance and performance management.

## Register Today

To register, or for more information, please contact us:

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