

## OVERVIEW

Certified Information Security 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. Due to the breadth of information imparted with each topic over a period of just four days, this course is considered intensive and candidates must study hard to obtain the certification.

The five domains are as follows:

- 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 SYSTEM AUDITOR (CISA)

COURSE DURATION: 5 DAYS

## COURSE OBJECTIVES

This training course is not suitable for beginners. It is required that delegates possess at least five years of exposure in the field of Information Systems Auditing. With this information in mind, it is expected that CISA qualified candidates have an outstanding level of professional experience, commitment, and extensive knowledge of IS Auditing. Thus, a CISA qualification is likely to open many doors and propel certified individuals into a high-ranking position within the enterprise.

## TARGET STUDENT

The CISA essential for professionals dealing with controlling, monitoring, and assessing an organization's information technology and business systems. This includes:

- IS/IT auditors/consultants
- IT compliance managers
- Chief Compliance Officers
- Chief risk & privacy officers
- Security heads/directors
- Security managers/architects.

## COURSE CONTENT

### Lesson 1: Becoming a CISA

- Benefits of CISA Certification
- The CISA Certification Process
- ISACA Code of Professional Ethics
- ISACA IS Standards
- The Certification Exam
- Exam Preparation
- Applying for CISA Certification
- Retaining Your CISA Certification
- Revocation of Certification
- CISA Exam Preparation Pointers

### Lesson 2: IT Governance and Management

- IT Governance Practices for Executives and Boards of Directors
- IT Strategic Planning
- Policies, Processes, Procedures and Standards

- Risk Management
- IT Management Practices
- Organization Structure and Responsibilities
- Business Continuity Planning
- Auditing IT Governance

### Lesson 3: The Audit Process

- Audit Management
- ISACA Auditing Standards
- Risk Analysis
- Controls
- Performing an Audit
- Control Self-Assessment
- Implementation of Audit Recommendations

### Lesson 4: IT Life Cycle Management

- Benefits Realization
- Project Management
- The System Development Life Cycle
- Infrastructure Development and Implementation
- Maintaining Information Systems
- Business Processes
- Managing Third Parties
- Enterprise Architecture
- Application Controls
- Auditing the System Development Life Cycle
- Auditing Business Controls
- Auditing Application Controls
- Auditing Third-Party Management

### Lesson 5: IT Service Delivery and Infrastructure

- Information Systems Operations
- Information System Hardware
- Information Systems Architecture and Software
- Network Infrastructure
- Disaster Recovery Planning
- Auditing IT Infrastructure and Operations

### Lesson 6: Information Asset Protection

- Information Security Management
- Logical Access Controls
- Network Security Controls
- Environmental Controls
- Physical Security Controls
- Auditing Asset Protection