

# Certified Information Systems Auditor (CISA)

Duration 4 Days

## COURSE OVERVIEW

Since 1978, the ISACA® Certified Information Systems Auditor® (CISA®) program, has been the globally accepted standard of achievement among information systems (IS) audit, control and security professionals. The technical skills and practices that CISA promotes and evaluates are the building blocks of success in the field. Possessing the CISA designation demonstrates proficiency and is the basis for measurement in the profession.

This course provides an intense environment in which participants can acquire, thoroughly and properly, the skills and knowledge expected of a world-class information systems audit, control and security professional. In the process the course provides outstanding preparation for the CISA exam.

## LEARN OUTCOMES

This course has been independently commissioned with three objectives:

- To provide an in-depth understanding of the tasks and knowledge expected of a world class information systems auditor
- To provide candidates with a clear understanding of the CISA examination and certification processes
- To maximise your prospects at the CISA exam if you choose to sit it

## WHO SHOULD ATTENDS

The CISA designation is for Information Systems Audit professionals who have 5 years of front-line experience with the audit of information systems.

## EXAM

The CISA exam is currently held three times per year in June, September and December. Comprehensive information is available in the CISA Exam Bulletin of Information which can be downloaded from [www.isaca.org](http://www.isaca.org)

You must register for the exam directly with ISACA. You can register online at [www.isaca.org/examreg](http://www.isaca.org/examreg)

## COURSE CONTENT

### Achieving CISA Certification

- Certification Prerequisites
- Examination Information
- Applying for Certification
- Maintaining Certification

### The Process of Auditing Information Systems

- Management of the IS Audit function
- ISACA IS Auditing Standards and Guidelines
- Risk Analysis
- Internal Controls
- Performing an IS Audit
- Control Self-assessment
- The Evolving IS Audit Process

*Practice Questions; Review of Practice Questions; Reference Materials and Glossary*

### Governance and Management of IT

- Corporate Governance
- IT Governance
- Information Technology Monitoring and Assurance Practices for Board and Senior Management
- Information Systems Strategy
- Maturity and Process Improvement Models
- IT Investment and Allocation Practices
- Policies and Procedures
- Risk Management
- IS Management Practices
- IS Organizational Structure and Responsibilities
- Auditing IT Governance Structure and Implementation
- Business Continuity Planning
- Auditing Business Continuity

*Practice Questions; Review of Practice Questions; Reference Materials and Glossary*

### Information Systems Acquisition, Development and Implementation

- Business Realisation
- Project Management Structure
- Project Management Practices
- Business Application Development
- Business Application Systems
- Alternative Forms of Software Project Organisation
- Alternative Development Methods
- Infrastructure Development / Acquisition Practices
- Information Systems Maintenance Practices
- System Development Tools and Productivity Aids
- Process Improvement Practices
- Application Controls
- Auditing Application Controls
- Auditing Systems Development, Acquisition and Maintenance

*Practice Questions; Review of Practice Questions; Reference Materials and Glossary*

### Information Systems Operations, Maintenance and Support

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

*Practice Questions; Review of Practice Questions; Reference Materials and Glossary*

### Protection of Information Assets

- Importance of Information Security Management
- Logical Access
- Network Infrastructure Security
- Auditing Information Security Management Framework
- Auditing Network Infrastructure Security
- Environmental Exposures and Controls
- Physical Access Exposures and Controls
- Mobile Computing

*Practice Questions; Review of Practice Questions; Reference Materials and Glossary*

### Examination Administration and Techniques

- Examination Administration
- Examination Techniques
- Frequently Asked Questions