

# Certified Information Systems Auditor (CISA) Training

## **Module 1: The Process of Auditing Information Systems**

- Develop and implement a risk-based IT audit strategy
- Plan specific audits
- Conduct audits in accordance with IT audit standards
- Report audit findings and make recommendations to key stakeholders
- Conduct follow-ups or prepare status reports

## **Module 2: IT Governance and Management of IT**

- Evaluate the effectiveness of the IT governance structure
- Evaluate IT organisational structure and human resources (personnel) management
- Evaluate the organisation's IT policies, standards, and procedures
- Evaluate the adequacy of the quality management system
- Evaluate IT management and monitoring of controls
- Evaluate IT contracting strategies and policies, and contract management practices
- Evaluate risk management practices
- Evaluate the organisation's business continuity plan

## **Module 3: Information Systems Acquisition, Development, and Implementation**

- Evaluate the business case for proposed investments in information
- Evaluate the project management practices and controls
- Conduct reviews to determine whether a project is progressing in accordance with project plans
- Evaluate controls for information systems
- Evaluate the readiness of information systems for implementation and migration into production
- Conduct post-implementation reviews of systems

## **Module 4: Information Systems Operations, Maintenance, and Support**

- Conduct periodic reviews of information systems
- Evaluate service-level management practices
- Evaluate third-party management practices
- Evaluate data administration practices
- Evaluate the use of capacity and performance monitoring tools and techniques
- Evaluate change, configuration, and release management practices

## **Module 5: Protection of Information Assets**

- Evaluate the information security policies, standards, and procedures
- Evaluate the design, implementation, and monitoring of system and logical security
- Evaluate the design, implementation, and monitoring of physical access and environmental controls
- Evaluate the processes and procedures used to store, retrieve, transport, and dispose of information assets

