Certified Information Systems Auditor (CISA) Training Course Outline

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

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 organization'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 practises
- Evaluate risk management practises
- Evaluate the organization's business continuity plan

Information Systems Acquisition, Development, and Implementation –

- Evaluate the business case for proposed investments in information
- Evaluate the project management practises 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

Information Systems Operations, Maintenance, and Support –

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

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