

## CISA®, Certified Information Systems Auditor® + Practice Questions (QAE)

Duration: 4 Days Course Code: CISAU

### Overview:

CISA® — Certified Information Systems Auditor is the globally recognized gold standard for IS audit, control, and assurance, in demand and valued by leading global brands. It's often a mandatory qualification for employment as an IT auditor. CISA professionals offer the credibility to leverage standards, manage vulnerabilities, ensure compliance, offer solutions, institute controls and deliver value to organizations.

This 4-day CISA training course is the preparation for the newest CISA certification. During this course, you will learn about the IT audit process. **Continuing Professional Education (CPE) : 31 Practice questions (QAE = Questions, Answers and Explanations) : 12 month access**

### Target Audience:

Designed for mid-career IS audit, control and assurance professionals looking to leverage career growth including: IT Audit Directors/Managers/Consultants IT Auditors Compliance/Risk/Privacy Directors IT Directors/Managers/Consultants

### Objectives:

#### ■ Domain 1 - Information System Auditing Process

- Plan an audit to determine whether information systems are protected, controlled, and provide value to the enterprise.
- Conduct an audit following IS audit standards and a risk-based IS audit strategy.
- Communicate audit progress, findings, results, and recommendations to stakeholders.
- Conduct audit follow-up to evaluate whether risks have been sufficiently addressed.
- Evaluate IT management and monitoring of controls.
- Utilize data analytics tools to streamline audit processes.
- Provide consulting services and guidance to the enterprise to improve the quality and control of information systems.
- Identify opportunities for process improvement in the enterprise's IT policies and practices.

#### ■ Domain 2 – Governance and Management of IT

- Evaluate the IT strategy for alignment with the enterprise's strategies and objectives.
- Evaluate the effectiveness of IT governance structure and IT organizational structure.
- Evaluate the enterprise's management of IT policies and practices.
- Evaluate the enterprise's IT policies and practices for compliance with regulatory and legal requirements.
- Evaluate IT resource and portfolio management for alignment

- Evaluate the readiness of information systems for implementation and migration into production.

- Conduct post-implementation review of systems to determine whether project deliverables, controls, and requirements are met.

- Evaluate change, configuration, release, and patch management policies and practices.

#### ■ Domain 4 – Information Systems Operations and Business Resilience

- Evaluate the enterprise's ability to continue business operations.
- Evaluate whether IT service management practices align with business requirements.
- Conduct periodic review of information systems and enterprise architecture.
- Evaluate IT operations to determine whether they are controlled effectively and continue to support the enterprise's objectives.
- Evaluate IT maintenance practices to determine whether they are controlled effectively and continue to support the enterprise's objectives.
- Evaluate database management practices.
- Evaluate data governance policies and practices.
- Evaluate problem and incident management policies and practices.
- Evaluate change, configuration, release, and patch management policies and practices.
- Evaluate end-user computing to determine whether the processes are effectively controlled.

with the enterprise's strategies and objectives.

- Evaluate the enterprise's risk management policies and practices.
- Evaluate IT management and monitoring of controls.
- Evaluate the monitoring and reporting of IT key performance indicators (KPIs).
- Evaluate whether IT supplier selection and contract management processes align with business requirements.
- Evaluate whether IT service management practices align with business requirements.
- Conduct periodic review of information systems and enterprise architecture. Evaluate data governance policies and practices.
- Evaluate the information security program to determine its effectiveness and alignment with the enterprise's strategies and objectives.
- Evaluate potential opportunities and threats associated with emerging technologies, regulations, and industry practices.
- **Domain 3 – Information Systems Acquisition, Development, and Implementation**
- Evaluate whether the business case for proposed changes to information systems meet business objectives.
- Evaluate the enterprise's project management policies and practices.
- Evaluate controls at all stages of the information systems development lifecycle.

- Evaluate policies and practices related to asset lifecycle management.

#### ■ **Domain 5 – Protection of Information Assets**

- Conduct audit in accordance with IS audit standards and a risk-based IS audit strategy.
- Evaluate problem and incident management policies and practices.
- Evaluate the enterprise's information security and privacy policies and practices.
- Evaluate physical and environmental controls to determine whether information assets are adequately safeguarded.
- Evaluate logical security controls to verify the confidentiality, integrity, and availability of information.
- Evaluate data classification practices for alignment with the enterprise's policies and applicable external requirements.
- Evaluate policies and practices related to asset lifecycle management.
- Evaluate the information security program to determine its effectiveness and alignment with the enterprise's strategies and objectives.
- Perform technical security testing to identify potential threats and vulnerabilities.
- Evaluate potential opportunities and threats associated with emerging technologies, regulations, and industry practices.

---

### Prerequisites:

There are no specific entry requirements to participate in this CISA training.

### Testing and Certification

- Please note: The exam voucher is not included in the course price.
- 4 hours (240 minutes),
- 150 multiple choice questions
- In addition to passing the examination, there are additional requirements for obtaining the certificate. These can be found at: <https://www.isaca.org/credentialing/cisa/get-cisa-certified>

---

### Follow-on-Courses:

CISSP Certification Preparation

---

## Content:

### Domain 1 - Information System Auditing Process

- IS Audit Standards, Guidelines, Functions, and Codes of Ethics
- Types of Audits, Assessments, and Reviews
- Risk-based Audit Planning
- Types of Controls and Considerations
- Audit Project Management
- Audit Testing and Sampling Methodology
- Audit Evidence Collection Techniques
- Audit Data Analytics
- Reporting and Communication Techniques
- Quality Assurance and Improvement of Audit Process

### Domain 2 – Governance and Management of IT

- Laws, Regulations, and Industry Standards
- Organizational Structure, IT Governance, and IT Strategy
- IT Policies, Standards, Procedures, and Guidelines
- Enterprise Architecture and Considerations
- Enterprise Risk Management (ERM)
- Privacy Program and Principles
- Data Governance and Classification
- IT Resource Management
- IT Vendor Management
- IT Performance Monitoring and Reporting
- Quality Assurance and Quality Management of IT

### Domain 3 – Information Systems Acquisition, Development, and Implementation

- Project Governance and Management
- Business Case and Feasibility Analysis
- System Development Methodologies
- Control Identification and Design
- System Readiness and Implementation Testing
- Implementation Configuration and Release Management
- System Migration, Infrastructure Deployment, and Data Conversion
- Postimplementation Review

### Domain 4 – Information Systems Operations and Business Resilience

- IT Components
- IT Asset Management
- Job Scheduling and Production Process Automation
- System Interfaces
- End-user Computing and Shadow IT
- Systems Availability and Capacity Management
- Problem and Incident Management
- IT Change, Configuration, and Patch Management
- Operational Log Management
- IT Service Level Management
- Database Management
- Business Impact Analysis
- System and Operational Resilience
- Data Backup, Storage, and Restoration
- Business Continuity Plan
- Disaster Recovery Plans

### Domain 5 – Protection of Information Assets

- Information Asset Security Policies, Frameworks, Standards, and Guidelines
- Physical and Environmental Controls
- Identity and Access Management
- Network and End-Point Security
- Data Loss Prevention
- Data Encryption
- Public Key Infrastructure (PKI)
- Cloud and Virtualized Environments
- Mobile, Wireless, and Internet-of-Things Devices
- Security Awareness Training and Programs
- Information System Attack Methods and Techniques
- Security Testing Tools and Techniques
- Security Monitoring Logs, Tools, and Techniques
- Security Incident Response Management
- Evidence Collection and Forensics

### CISA Exam Preparation

- CISA Exam Rules
- Exam Tips
- Day of the Exam
- CISA Certification Steps

## Further Information:

For More information, or to book your course, please call us on 00 966 92000 9278

[training@globalknowledge.com.sa](mailto:training@globalknowledge.com.sa)

[www.globalknowledge.com/en-sa/](http://www.globalknowledge.com/en-sa/)

Global Knowledge - KSA, 393 Al-Uroubah Road, Al Worood, Riyadh 3140, Saudi Arabia