

## Certified Information Systems Auditor (CISA)

**Course Duration: 5 Days**

### Course overview

ISACA's Certified Information Systems Auditor (**CISA**) designation is a globally recognized certification for IS audit control, assurance and security professionals. Being **CISA**-certified showcases your audit experience, skills, and knowledge, and demonstrates you are capable of assessing vulnerabilities, report on compliance and institute controls within the enterprise.

All that to be said, this official training seminar is packed with practical information and study tips, making it a great resource for those interested in obtaining the **CISA** certification.

Additionally, this official **CISA** course is also a tool for those interested in enhancing their IS audit, control, and security skills.

### Course Objectives

- Confirms your knowledge and experience.
- Quantifies and markets your expertise.
- Demonstrates that you have gained and maintained the level of knowledge required to meet the dynamic challenges of a modern enterprise.
- Is globally recognized as the mark of excellence for the IS audit professional.
- Combines the achievement of passing a comprehensive exam with recognition of work and educational experience, providing you with credibility in the marketplace.
- Increases your value to your organization.
- Gives you a competitive advantage over peers when seeking job growth.
- Helps you achieve a high professional standard through ISACA's requirements for continuing education and ethical conduct.

### Target Audience

- Executives and professionals in IT.
- Experts in information and operational risk management.
- Specialists in IT infrastructure security.
- Internal control.
- IT audit.

## Course Domains

Domain #	Domain Topic	Domain Description
<b>Domain 01: (21%) Information Systems Auditing Process</b>	A. Planning	<ul style="list-style-type: none"> <li>IS Audit Standards, Guidelines, and Codes of Ethics</li> <li>Business Processes</li> <li>Types of Controls</li> <li>Risk-Based Audit Planning</li> <li>Types of Audits and Assessments</li> </ul>
	B. Execution	<ul style="list-style-type: none"> <li>Audit Project Management</li> <li>Sampling Methodology</li> <li>Audit Evidence Collection Techniques</li> <li>Data Analytics</li> <li>Reporting and Communication Techniques</li> <li>Quality Assurance and Improvement of the Audit Process</li> </ul>
<b>Domain 02: (17%) Governance and Management of IT</b>	A. IT Governance	<ul style="list-style-type: none"> <li>IT Governance and IT Strategy</li> <li>IT-Related Frameworks</li> <li>IT Standards, Policies, and Procedures</li> <li>Organizational Structure</li> <li>Enterprise Architecture</li> <li>Enterprise Risk Management</li> <li>Maturity Models</li> <li>Laws, Regulations, and Industry Standards affecting the Organization</li> </ul>
	B. IT Management	<ul style="list-style-type: none"> <li>IT Resource Management</li> <li>IT Service Provider Acquisition and Management</li> <li>IT Performance Monitoring and Reporting</li> <li>Quality Assurance and Quality Management of IT</li> </ul>
<b>Domain 03: (12%) Information Systems Acquisition, Development, and Implementation</b>	A. Information Systems Acquisition and Development	<ul style="list-style-type: none"> <li>Project Governance and Management</li> <li>Business Case and Feasibility Analysis</li> <li>System Development Methodologies</li> <li>Control Identification and Design</li> </ul>
	B. Information Systems Implementation	<ul style="list-style-type: none"> <li>Testing Methodologies</li> <li>Configuration and Release Management</li> <li>System Migration, Infrastructure</li> </ul>

		<ul style="list-style-type: none"> <li>Deployment and Data Conversion</li> <li>Post-implementation Review</li> </ul>
<b>Domain 04: (23%)</b> <b>Information Systems Operations and Business Resilience</b>	<b>A. Information Systems Operations</b>	<ul style="list-style-type: none"> <li>Common Technology Components</li> <li>IT Asset Management</li> <li>Job Scheduling and Production Process Automation</li> <li>System Interfaces</li> <li>End-User Computing</li> <li>Data Governance</li> <li>Systems Performance Management</li> <li>Problem and Incident Management</li> <li>Change, Configuration, Release, and Patch Management</li> <li>IT Service Level Management</li> <li>Database Management</li> </ul>
	<b>B. Business Resilience</b>	<ul style="list-style-type: none"> <li>Business Impact Analysis (BIA)</li> <li>System Resiliency</li> <li>Data Backup, Storage, and Restoration</li> <li>Business Continuity Plan (BCP)</li> <li>Disaster Recovery Plans (DRP)</li> </ul>
<b>Domain 05: (27%)</b> <b>Protection of Information Assets</b>	<b>A. Information Asset Security and Control</b>	<ul style="list-style-type: none"> <li>Information Asset Security Frameworks, Standards, and Guidelines</li> <li>Privacy Principles</li> <li>Physical Access and Environmental Controls</li> <li>Identity and Access Management</li> <li>Network and End-Point Security</li> <li>Data Classification</li> <li>Data Encryption and Encryption-Related Techniques</li> <li>Public Key Infrastructure (PKI)</li> <li>Web-Based Communication Techniques</li> <li>Virtualized Environments</li> <li>Mobile, Wireless, and Internet-of-Things (IoT) Devices</li> </ul>
	<b>B. Security Event Management</b>	<ul style="list-style-type: none"> <li>Security Awareness Training and Programs</li> <li>Information System Attack Methods and Techniques</li> <li>Security Testing Tools and Techniques</li> <li>Security Monitoring Tools and Techniques</li> <li>Incident Response Management</li> <li>Evidence Collection and Forensics</li> </ul>

**Exam Details:**

<b>Exam Details</b>	<b>(CISA Exam)</b>
<b>Number of Questions</b>	<b>150 Questions; (21% Domain 1 / 17% Domain 2 / 12% Domain 3 / 23% Domain 4 / 27% Domain 5)</b>
<b>Test Duration</b>	<b>4 Hours</b>
<b>Test Format</b>	<b>Multiple Choice</b>
<b>Test Delivery</b>	<b>Person VUE (Testing Centers / Online Testing)</b>
<b>Passing Score</b>	<b>450 out of 800</b>