



**Inspiring growth and improvement**

# **CISA<sup>®</sup> BOOT CAMP**

**Certified Information Systems Auditor  
Qualification by ISACA**

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**Enhance your career by earning CISA® – globally accepted qualification by ISACA for information systems audit, control and security.**

## **Introduction**

The 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 to assess vulnerabilities, report on compliance and institute controls within the enterprise. This training course equips professionals with the knowledge and technical skills for proficiency in IS audit, control and security. It also helps in passing the certification examination successfully.

## Learning Objectives

Candidates should expect to gain competencies in the following areas after successful completion of the training course:

- The Process of Auditing Information Systems
- Governance and Management of IT
- Information Systems Acquisition, Development and Implementation
- Information Systems Operations, Maintenance and Service Management
- Protection of Information Assets.

## Contents

### ➤ **Domain 1: The Process of Auditing Information Systems**

- ISACA IT Audit and Assurance Standards, Guidelines, Tools and Techniques
- Risk assessment concepts, tools and techniques
- Business processes and the role of IS in these processes
- Various types of audits
- The applicable laws and regulations for audit

### ➤ **Domain 2: Governance and Management of IT**

- Purpose of IT strategy, policies, standards and procedures
- IT governance, management, security and control frameworks
- Organization's technology direction and IT architecture
- Process optimization techniques
- Use of capability and maturity models
- IT resource investment and allocation practices
- Enterprise risk management (ERM)
- Business impact analysis (BIA)

### ➤ **Domain 3: Information Systems Acquisition, Development and Implementation**

- Benefits realization practices
- IT acquisition and vendor management practices
- Enterprise architecture (EA)
- Project management control frameworks, practices and tools
- Requirements analysis and management
- System development methodologies and tools
- Testing methodologies & practices
- Configuration and release management
- System migration & infrastructure deployment practices

### ➤ **Domain 4: Information Systems Operations, Maintenance and Service Management**

- Service management frameworks
- System resiliency techniques
- IT asset management, software licensing & inventory practices
- Data backup, storage, maintenance & restoration
- Data quality and life cycle management
- Regulatory and contractual issues related to disaster recovery

### ➤ **Domain 5: Protection of Information Assets**

- Techniques for the design, implementation, maintenance, monitoring and reporting of security controls
- Physical and logical access controls
- Risk and controls associated with virtualization of systems
- Public key infrastructure and digital signature techniques
- Data classification standards
- Security risk and controls related to end-user computing
- Security testing techniques
- Fraud risk factors related to the protection of information assets

### ➤ **Practice tests & quizzes**

### ➤ **Practice examination**



## Recommended Participants

This course is highly valuable for:

- Internal or external information systems auditors
- Information security professional
- Finance/CPA professionals
- Anyone who is interested in passing CISA examination.

### Prerequisites

Basic understanding of IT security or IT security management is useful.

### Course Format

The course uses a stimulating mix of instructions, workshops, quizzes, discussions and a practice-exam.

### Duration

3 days

### Materials Provided

- Course reference manual containing copy of course slides, support documents, quizzes and answers
- Practice exam
- Course Certificate

### Practice Exam

A practice exam is part of the course. It aims to help participants in passing the CISA exam.

### Certification Exam

CISA exam is not included in this training course. ISACA directly organizes CISA exams in June and December each year.

The CISA exam consists of 150 multiple choice questions over a 4-hour period. Candidate scores are reported as a scaled score. A scaled score is a conversion of a candidate's raw score on an exam to a common scale. ISACA uses and reports scores on a common scale from 200 to 800. A candidate must receive a score of 450 or higher to pass the exam. A score of 450 represents a minimum consistent standard of knowledge as established by ISACA's CISA Certification Committee.

## About Business Beam

Business Beam is a top of the line Management consultancy, training and outsourcing firm that helps organizations solve problems in strategy, governance, operations, quality, services, projects, information security, business continuity, human resources, risks and internal audit.

Established in 2004 with a vision to drive organizations towards corporate excellence, Business Beam has served hundreds of organizations of various sizes, different domains and geographical regions. Business Beam partners with customers to convert them into high-performance businesses and governments. We feel honored to help them grow!

Our training program has successfully reached to more than 7,000 professionals and executives, from 25+ different nationalities, and representing 1000+ organizations.

Business Beam is AXELOS certified partner and Accredited Training Organization (ATO) for COBIT, ITIL, PRINCE2, P3O and DevOps. We are also itSMF member, PECB partner, ISACA official licensee and CMMI Institute partner.

### Contact Us

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your growth objectives, visit  
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