

# Certified Information Systems Auditor (CISA) Examination Preparation

## Become Job-Ready



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- ✓ **World-Class Instructors**
- ✓ **High Demand for successful CISAs**
- ✓ **100% Online, Self-directed**
- ✓ **Practice Tests & Assessments**



Instructors: Richard Cascarino, CIA, CISM, CFE & Jim Kaplan CIA, CFE

## OVERVIEW: CISA Exam Preparation

CISA is world-renowned as the standard of achievement for IS Auditors. By completing CISA exam, you can prove your expertise in IS/IT auditing, control and security and be among the most qualified in the industry.

CISA provides a valid and reliable means for enterprises to identify technologists who are competent in incorporating privacy by design into technology platforms, products, and processes, communicating with legal professionals, and keeping the organization compliant efficiently and cost-effectively. CISA proves your team has the technical skills and knowledge it takes to assess, build and implement a comprehensive privacy solution while enhancing business value, customer insights and trust—ultimately improving your organization's image.



### HIGH DEMAND

Most stringent government regulations, tighter lending standards, and demands for accountability keep IT auditors in high demand globally



### HUGE SUPPLY GAP

Demand for qualified IT auditing personnel far exceeds supply. That means less competition and more pay for highly trained-experts.



### BRIGHT FUTURE

According to the Bureau of Labor Statistics, the employment rate for IT auditors is expected to grow by 15 percent over the next 10 years

This course is aimed primarily at auditors, both internal and external, who are beginning their career in IS Auditing or who wish to understand the complexities and vulnerabilities of computer systems.

## BENEFITS OF THIS PROGRAM

- ✓ Kick-start or re-ignite your career in the field of Information Systems Auditing by completing this course.
- ✓ Learn CISA program from world-class consultants, authors and thought leaders with over 30 years of experience in Risk, Audit, Governance, Forensic, Internal and IT auditing education

Learn about:

- What is the Exam process? Why take the CISA exam? Who should take the exam?
  - What are the six domains of CISA and finally to understand the IT audit process?
  - IT Audit Process, Governance of IT, Acquisition, Development & Implementation of IS
  - Confidentiality, integrity and availability of information assets
  - information system operations, maintenance and service management
- ✓ Get opportunity to take Full-Length Practice Test and Graded Test to successfully take up CISA Examination



## WHO IS THIS PROGRAM FOR?



Who should take this course?

- ✓ Those who audit, control, monitor and assess an organization's information technology and business systems – IS/IT auditors, IT compliance managers, chief compliance officers, chief risk and privacy officers, security heads, and security managers

How can you become CISA?

- ✓ You need to register & pass CISA exam conducted by ISACA (<https://www.isaca.org/>). This course will help you to pass CISA exam.
- ✓ You need to apply and get certified at ISACA (<https://www.isaca.org/credentialing/cisa/get-cisa-certified>) for which you:

- ✓ Must have passed the CISA Exam within the last 5 years and must be an auditor regardless of any type or non-auditor who is responsible for the internal controls or in evaluating certain operational controls.

Note: Your experience must be verified by your employer with this experience having been gained within the ten-year period prior to the date of application or within five years of passing the CISA examination.

### PREREQUISITES:

- ✓ Basic knowledge of computers and IT-infrastructure

## WHAT WILL YOU LEARN?

### Module-1: CISA Introduction



This Module will cover what the CISA exam is? what is the Exam process? why take the CISA exam? who should take the exam? What are the six domains of CISA and finally to understand the IT audit process?

By the end of this part of the course the attendees will be able to:

- Understand CISA, What is it, and Why bother
- Understand the Five Domains:
  - The IS Audit Process (21%)
  - IT Governance (16%)
  - Information Systems Acquisition, Development, and Implementation (18%)
  - Information Systems Operations, Maintenance, and Support (20%)
  - Protection of Information Assets (25%)
- The IT Audit Process



## Module-2: The IT Audit Process

This module will cover all the guidelines, standard and best practices to be followed in the IT Audit process.

By the end of this part of the course the attendees will be able to Understand the IT Audit Process:

- Audit Risks
- Business Process System
- Control Principles
- Risk Analysis
- Risk Velocity
- Corporate Control Environment
- Auditing the Internal Control Framework
- Audit Techniques
- Data analysis
- Seeking Anomalous Data
- System Modules

## Module-3: Governance and Management of the IT Function

This module will cover on How Governance of IT can be done? How requirements like structure, Policies, accountability and practices are used in corporate governance of IT.

By the end of this part of the course the attendees will have an in-depth knowledge of:

- Governance and Management of the IT Function
- Objectives of IT Governance
- IT Strategy committee and Main Concerns
- Strategic Planning
- IT Balanced Scorecard
- Enterprise Architecture
- Quality with ISO 9001
- Performance Optimization
- IS Auditor & IT Governance
- Security Organization
- Compliance Function
- Security Management Functions
- IT Project Management
- Time Box Management
- Project Quality Control



## Module-4: Acquisition, Developments and Implementation of IS

The module will cover – how to meet the organizational objectives , it is important to provide assurance on management practices for development/acquisition, testing , implementing management and disposal of system.

By the end of this part of the course the attendees will have an in-depth knowledge of:

- Introduction to Acquisition, Developments and Implementation of IS
- Purchasing
- Cloud based System Acquisitions
- System Development Models
- Prototyping and RAD
- Overview of Development Organization
- Overview of Project Management
- Overview of Business App
- Overview of Development Tools (IDE)
- Overview of Testing Techniques
- Implementation and Migration
- Problem Management

## Module-5: IS Operations Maintenance and Support

This module is designed to provide the participants with in-depth knowledge of process which is required for information system operations, maintenance and service management which helps to meet the organization's strategies and objectives.

By the end of this part of the course the attendees will be able to understand:

- IS Operations Maintenance and Support
- IT Acquisitions
- ITIL/ITSM Overview
- IS Operations Review
- Scheduling Review
- Problem Management Reporting Review



## Module-6: Protection of Information Assets

The module will cover – the organization’s policies, standards, Procedures and controls to ensure the confidentiality ,integrity and availability of information assets.

By the end of this module, participants:

- Will be introduced to what are protection of information Assets
- Understand the Key elements of Information Security Management
- Identify inventory and classification of Information Assets and System Access permission
- What are the possible Threats
- Understanding of complete standard Encryption
- Identify and understand the viruses ,its types and virus protection
- Understand the Safeguard objectives
- Will know what are non-public customer information (NPI)
- Understand the Identity theft ,its implications ,recovery and preventions
- How one can do the risk reassessment
- Understand the complete flow of assessment
- Understand the information security management (ISM) in length
- How one can prepare for the examination

## Module-7: Full-Length Tests

The module will cover –

CISA Full-Length Graded Test, which is mandatory for students to complete in order to get the certification of the course. There will be three attempts to clear the test. This is similar to the CISA Examination where 150 questions to be answered in 240 minutes.

CISA Full-Length Practice Test, which will be similar to the CISA Examination. Students can take these tests any number of times to get hands on.

Reference Book: <https://www.amazon.com/Complete-Guide-Examination-Preparation-Internal/dp/1138308765>



## WHO WILL YOU LEARN FROM?

### PROGRAM FACULTY



Richard Cascarino

Richard Cascarino, CIA, CISM, CFE is a consultant and lecturer with over 30 years' experience in Risk, Audit, Governance, Forensic, Internal and IT auditing education. He is a principal of Richard Cascarino & Associates. He is a regular speaker to national and international conferences and has presented courses throughout Africa, Europe, the Middle East and the USA.

He is the author of the books "Internal Auditing—an Integrated Approach", "Auditor's Guide to Information Systems Auditing", "Corporate Fraud and Internal Control: A Framework for Prevention" published by Wiley, and the book "Data Analytics for Internal Auditors". He is also a contributing author to the Governance section of Finance: The Ultimate Resource and is a frequent speaker at IIA, ACFE and ISACA courses and conferences.

Richard Cascarino was the chairman of the Audit and Risk Committee of the Department of Public Enterprises in South Africa and served as chairman of the Audit Committee of Gauteng cluster 2 (Premier's office, Shared Services and Health). He is also a visiting Lecturer at the University of the Witwatersrand

He is a Past President of the IIA – South Africa and founded the African Region of the IIA Inc. He is also a member of the Board of Regents for Higher Education of the Association of Certified Fraud Examiners. He is a member of the Board of Regents (Higher Education) for the ACFE.



Jim Kaplan

Jim Kaplan CIA CFE is President and Founder of AuditNet®, the global resource for auditors (now available on Apple and Android and Windows devices).

Jim is a highly accomplished Internal auditor and audit manager with 26 years of progressive experience with solid background utilizing internal audit standards and audit procedures and techniques.

Jim Kaplan's vision for AuditNet® is not unlike the voice Kevin Costner heard in the Field of Dreams. His company AuditNet® is a portal providing tools, techniques, and training used by auditors on five continents, in 221 countries. He is recipient of the IIA's 2007 Bradford Cadmus Memorial Award.

Jim Kaplan is an Author of "The Auditor's Guide to Internet Resources" 2<sup>nd</sup> Edition

Specialties: As a writer, journalist, educator, lecturer and dedicated local government auditor, Jim has promoted and encouraged the use of technology and the Internet for audit productivity.



## HOW WILL YOU LEARN?

- ✓ Online using desktop, laptop or mobile devices
- ✓ Learn at your own convenient time, and pace
- ✓ Video lectures delivered from a cloud LMS platform
- ✓ Quizzes are given remotely
- ✓ Case studies for the reinforcement of the learning



## WHAT IS THE DURATION OF THE PROGRAM?

- ✓ 5-6 weeks, around 8 hours per week, or a total of 40-48 hours
- ✓ Rolling enrolment allows you to start any time. The duration can be aligned to your requirements

## ABOUT iZen



iZen is a Talent Empowerment company, offering end-to-end solutions for skill development and employability, leveraging the power of AI and other digital technologies. The company was founded in Silicon Valley, California with a global vision to incubate innovation and to provide a platform that gives access to knowledge, skills, and advisory to empower the next generation workforce and students. iZen brings you internationally recognized standard programs, to set you apart and to future-proof your career.



## HOW DO I ENROLL IN THE COURSE?

<https://academy.iZen.ai>  
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