

## CERTIFIED INFORMATION SYSTEMS AUDITOR (CISA)

In this course, you'll cover all six domains of the Certified Information Systems Auditor (CISA) exam and gain the knowledge and technical concepts required to obtain CISA certification. Since its inception in 1978, the CISA exam has become the gold standard of excellence in IS auditing, control, and security. Our experts have created a study guide of relevant, up-to-date information, including summary charts, insightful data, and practice exams.

\*Group rates available – Inquire for more details\*

**Duration:** 40 hours

### **Prerequisites**

- Participants should have IS audit, control, assurance, and security professionals, including IT consultants, auditors, managers, security policy writers, privacy officers, information security officers, network administrators, security device administrators, and security engineers, and accountants with a technology background

### **Included Labs**

Labs to be provided by the trainer

### **Objective**

In-depth coverage of the six domains required to pass the CISA exam:

1. IS Audit Process
2. IT Governance
3. Systems and Infrastructure Lifecycle Management
4. IT Service Delivery and Support
5. Protection of Information Assets
6. Business Continuity and Disaster Recovery

### **Course Content**

#### **Getting Started with Java**

- The Java Platform
- Obtaining Java
- Editions and Versions of Java
- Java History
- Your First Java Program
- API documentation

#### **Testing-Taking Tips and Study Techniques**

- Preparation for the CISA Exam

- Submitting Required Paperwork
- Resources and Study Aids
- Passing the Exam the First Time

### The Audit Process

- Risk
- Audit
- Standards and Guidelines
- IT Governance
- Best Practices
- Management Practices
- Roles and Responsibilities

### Lifecycle Management

- Project Management
- Business Application Development
- Information Systems Maintenance Practices

### System Infrastructure Control

- Auditing Application Controls
- Application System Development
- Business Application Systems

### Information Systems Hardware and Architecture

- Information Systems Operations
- Information Systems Hardware
- SDLC
- Databases

### Information Systems Used for IT Delivery and Support

- OSI
- TCP/IP Model
- TCP/UDP/ICMP/IP
- Routers/Switches/Hubs
- Firewalls
- Wireless
- WAN Technologies - X.25/Frame Relay/PPP/ISDN/DSL/Cable

### Protection of Logical Assets

- CIA
- Roles and Responsibilities - RACI

- Asset Management
- Taxonomy - Information Classification
- Risk Management
- Policies, Procedures, Standards, Guidelines, Baselines
- Knowledge Transfer - Awareness, Training, Education

### Physical Security

- Environmental Protection Practices
- Physical Authentication
- Policies and Procedures

### Business Continuity and Disaster Recovery

- BIA Policy
- BIA Roles and Teams
- Data Backups, Vaulting, Journaling, Shadowing
- Alternate Sites
- Emergency Response
- Required Notifications
- BIA Tests

### Review and Q&A Session

- Final Review and Test Prep