



## Course Introduction

This 5-days intensive course is designed for a professional preparing for the ISACA's CISA exam to gain more confidence. This course will wrap-up only key concept and vital knowledge of each domain. It is recommended that attendee should have hands-on experiences or familiar with information systems audit job before attend this course. Valuable technique for the exam will be shared by the exam passer.

## Course Objectives

- To prepare for the ISACA's CISA examination
- To summarize vital knowledge based on the latest exam domain
- To learn some techniques from the experienced exam passer

## Learning Level

- Intermediate

## Course Duration

- 4 Days

## Target Group

- IT Auditor

## Course Outline

### Day 1

- IS Audit Standards, Guidelines, and Codes of Ethics
- Business Processes
- Types of Controls
- Risk-Based Audit Planning
- Types of Audits and Assessments
- Audit Project Management
- Sampling Methodology
- Audit Evidence Collection Techniques
- Data Analytics
- Reporting and Communication Techniques

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**For More Information & Registration, Please Contact Training Division**

Tel:(66) 2253-4736, Fax:(66) 2253-4737, Hotline:(66) 86-325-7129, E-mail: [registration@acisonline.net](mailto:registration@acisonline.net)



## Day 2

- IT Governance and IT Strategy
- IT-Related Frameworks
- IT Standards, Policies, and Procedures
- Organizational Structure
- Enterprise Architecture
- Maturity Models
- Laws, Regulations, and Industry Standards affecting the Organization
- IT Resource Management
- IT Service Provider Acquisition and Management
- IT Performance Monitoring and Reporting
- Quality Assurance and Quality Management of IT

## Day 3

- Benefits Realization
- Project Management Structure
- Project Management Practices
- Business Application Development
- Virtualization and Cloud Computing Environments
- Business Application Systems
- Development Methods
- Infrastructure Development/Acquisition Practices
- Information Systems Maintenance Practices
- System Development Tools and Productivity Aids
- Process Improvement Practices
- Application Controls
- Information Systems Operations
- IT Asset Management
- Information Systems Hardware
- IS Architecture and Software
- IS Network Infrastructure
- Disaster Recovery Planning
- Project Governance and Management

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- Business Case and Feasibility Analysis
- System Development Methodologies
- Control Identification and Design
- Testing Methodologies
- Configuration and Release Management
- System Migration, Infrastructure Deployment, and Data Conversion
- Post-implementation Review

#### Day 4

- Common Technology Components
- IT Asset Management
- Job Scheduling and Production Process Automation
- System Interfaces
- End-user Computing
- Data Governance
- Systems Performance Management
- Problem and Incident Management
- Change, Configuration, Release, and Patch Management
- IT Service Level Management
- Database Management
- Business Impact Analysis (BIA)
- System Resiliency
- Data Backup, Storage, and Restoration
- Business Continuity Plan (BCP)
- Disaster Recovery Plans (DRP)

#### Day 5

- Information Asset Security Frameworks, Standards, and Guidelines
- Privacy Principles
- Physical Access and Environmental Controls
- Identity and Access Management
- Network and End-Point Security
- Data Classification
- Data Encryption and Encryption-Related Techniques

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- Public Key Infrastructure (PKI)
- Web-Based Communication Techniques
- Virtualized Environments
- Mobile, Wireless, and Internet-of-Things (IoT) Devices
- Security Awareness Training and Programs
- Information System Attack Methods and Techniques
- Security Testing Tools and Techniques
- Security Monitoring Tools and Techniques
- Incident Response Management
- Evidence Collection and Forensics

#### Official Training Partner



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