

The Global Standard of Achievement for Information Systems Audit, Control and Security Professionals.

CISA®

Certified Information Systems Auditor

Presented by **Michael Matthew**

This four-day training program provides an intense environment in which participants can acquire, thoroughly and properly, the skills and knowledge expected of a world-class information systems audit, control and security professional. In the process the course provides outstanding preparation for the CISA exam.

CISA®
Certified Information Systems Auditor

CISA wins the Best Professional Certification Program in 2009

- SC Magazine

Singapore

Please refer to our website for current dates



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CISA[®]

Certified Information Systems Auditor

BACKGROUND

Since 1978, the ISACA[®] Certified Information Systems Auditor (CISA) program, has been the globally accepted standard of achievement among information systems (IS) audit, control and security professionals. The technical skills and practices that CISA promotes and evaluates are the building blocks of success in the field. Possessing the CISA designation demonstrates proficiency and is the basis for measurement in the profession. The CISA certification together with the related CISM certification has recently been accredited by ANSI, the American National Standards Institute, under ISO/IEC 17024:2003, General Requirements for Bodies Operating Certification Systems of Persons.

COURSE DESCRIPTION

This special 4-day training program provides an intense environment in which participants can acquire, thoroughly and properly, the skills and knowledge expected of a world-class information systems audit, control and security professional. In the process the course provides outstanding preparation for the CISA exam.

But whether or not you intend to immediately sit for the CISA exam, this course is a powerful way to equip yourself with the knowledge of the five core competencies that define the successful information systems auditor.

COURSE OBJECTIVES

This course has been independently commissioned with three objectives:

1. To provide an in-depth understanding of the tasks and knowledge expected of a world class information systems auditor.
2. To provide candidates with a clear understanding of the CISA examination and certification processes.
3. To maximise your prospects at the CISA exam if you choose to sit it.

WHAT YOU WILL RECEIVE

- Official CISA Review Manual
- CISA Practice Question Database v11
- Email support after the course (up to two hours per participant)

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WHO SHOULD ATTEND

The CISA designation is for Information Systems Audit professionals who have 5 years of front-line experience with the audit of information systems.

COURSE STRUCTURE

This 5-day course is structured to follow the CISA content areas and provide students with simulated examination practice. The course covers each of the core competencies and associated tasks and knowledge statements, thereby ensuring a detailed and thorough coverage of all areas that will be tested. The fundamental thrust of examination is on understanding the concepts, not on memorising facts. As a result, the course will be presented in an interactive manner to ensure the underlying concepts are understood and examination questions can be analysed properly to achieve the correct answer.

IN HOUSE TRAINING

This course is available for in-house presentation if you have a group of people who need training in CISA. For more details please contact learn@pdatrain.com.sg

CISA EXAM

The CISA exam is set, administered and marked by ISACA, the Information Systems Audit and Control Association[®] (www.isaca.org). The exam is held twice per year in June and December and exam registrations close around 2 months prior. If booking directly with ISACA you must register before the Exam Closing Date. ISACA does not accept late registrations under any circumstances.

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Course Content

1 Achieving CISA Certification

- Certification Prerequisites
- Examination Information
- Applying for Certification
- Maintaining Certification

2 The Process of Auditing Information Systems

The aim of the area is to provide audit services in accordance with IT audit standards to assist the organisation in protecting and controlling information systems. Areas examined include:

- Management of the IS Audit function
- ISACA IS Auditing Standards and Guidelines
- Risk Analysis
- Internal Controls
- Performing an IS Audit
- Control Self-assessment
- The Evolving IS Audit Process

*Practice Questions; Review of Practice Questions;
Reference Materials and Glossary*

3 Governance and Management of IT

The aim of the area is to provide assurance that the necessary leadership and organisation structure and processes are in place to achieve objectives and to support the organisation's strategy. Areas examined include:

- Corporate Governance
- IT Governance
- Information Technology Monitoring and Assurance Practices for Board and Senior Management
- Information Systems Strategy
- Maturity and Process Improvement Models
- IT Investment and Allocation Practices
- Policies and Procedures
- Risk Management
- IS Management Practices
- IS Organizational Structure and Responsibilities
- Auditing IT Governance Structure and Implementation
- Business Continuity Planning
- Auditing Business Continuity

*Practice Questions; Review of Practice Questions;
Reference Materials and Glossary*

4 Information Systems Acquisition, Development and Implementation

The aim of the area is to provide assurance that the practices for the acquisition, development, testing, and implementation of information systems meet the organisation's strategies and objectives. Areas examined include:

- Business Realization
- Project Management Structure

- Project Management Practices
- Business Application Development
- Business Application Systems
- Alternative Forms of Software Project Organization
- Alternative Development Methods
- Infrastructure Development / Acquisition Practices
- Information Systems Maintenance Practices
- System Development Tools and Productivity Aids
- Process Improvement Practices
- Application Controls
- Auditing Application Controls
- Auditing Systems Development, Acquisition and Maintenance

*Practice Questions; Review of Practice Questions;
Reference Materials and Glossary*

5 Information Systems Operations, Maintenance and Support

The aim of the area is to provide assurance that the processes for information systems operations, maintenance and support meet the organisation's strategies and objectives. Areas examined include:

- Information Systems Operations
- Information Systems Hardware
- IS Architecture and Software
- IS Network Infrastructure
- Auditing Infrastructure and Operations
- Disaster Recovery Planning

*Practice Questions; Review of Practice Questions;
Reference Materials and Glossary*

6 Protection of Information Assets

The aim of the area is to provide assurance that the organisation's security policies, standards, procedures and controls ensure the confidentiality, integrity and availability of information assets. Areas examined include:

- Importance of Information Security Management
- Logical Access
- Network Infrastructure Security
- Auditing Information Security Management Framework
- Auditing Network Infrastructure Security
- Environmental Exposures and Controls
- Physical Access Exposures and Controls
- Mobile Computing

*Practice Questions; Review of Practice Questions;
Reference Materials and Glossary*

7 Examination Administration and Techniques

Topics:

- Examination Administration
- Examination Techniques
- Frequently Asked Questions