

# Certified Information Systems Manager® (CISM®) Examination Preparation Course



CISM® certification is for the individual who manages, designs, oversees and/or assesses an enterprise's information security (IS). The CISM® certification promotes international practices and provides executive management with assurance that those earning the designation have the required experience and knowledge to provide effective security management and consulting services.

CISM® is more than an entry-level certification. It is specifically developed for the information security professional who has acquired experience working on the front lines of information security or managing those who do. Individuals with five years or more of experience managing information security will find CISM® tailored to their expertise and the increasing global demand for high standards of certified professionalism.

## Course Objectives

This practical five-day, instructor-led course is designed to ensure that the delegates:

- Obtain the skills and knowledge of the core competencies required of an information security professional, to be gained in a structured learning environment.
- Gain the knowledge required for, and have thoroughly prepared for the certification examination in systematic way.

## Course Objectives by Audience:

- Security professionals with 3-5 years of front-line experience
- Information security managers or those with management responsibilities
- Information security staff and other information security assurance providers who require and in-dept understanding of information security management including CIOs, CISOs, CSOs, risk managers, compliance personnel and security auditors

During the program, students will learn and prepare for the certification examinations. This learning programme employs outcome-based delivery that focuses on preparing you for the skills required to pass the rigorous CISM® examination. You will work through a series of sample exam questions and mock tests in order to strengthen your ability in preparing for and undertaking the examination.

## Pre-requisites and Prior Knowledge

This five-day review course will prepare candidates for the Certified Information Security Manager® exam. Registration for the CISM® exam must be completed through ISACA® International. Please visit the ISACA CISM® page for more information on the exam and certification.

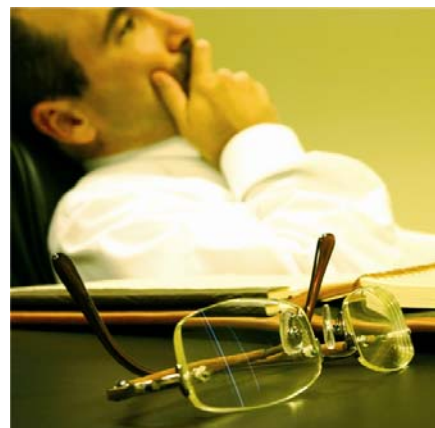
## In-house Training

All Analytix Courses are available in-house, should your organisation have a number of people or multiple sets to train. The cost advantages and the ability to discuss and resolve organisational issues are two major attractions of such training.

## Who will benefit?

The course is aimed at preparing candidates for the CISM® examination by providing them with the knowledge and understanding they require to pass the exam, as defined by ISACA such as:

- IT Systems Auditors
- Information Security Managers/Officers/Professionals
- Auditors involved in Information Security
- Financial and Operational Auditors



## What you will learn

On completion of the course, delegates will be able to enhance their preparation for the CISM® exam by learning about:

- Information Security Governance
- Information Risk Management
- Information Security Program Development
- Creating and maintaining a program to implement the information security governance strategy
- Information Security Program Management
- Information security activities to execute the information security program
- Incident Management and Response



## Course Content



### Information Security Governance and Strategy

- Understanding information security governance concepts and issues
- Examining the scope and charter of information security governance
- Pinpointing information governance metrics
- Overcoming common pitfalls when creating and information systems strategy
- Determining your organisation's current state of security
- Identifying strategy resources and constraints
- Detailing an appropriate action plan

### IT Risk Management

- Outlining the principles of effective information security risk management
- Assessing integration into the life cycle processes
- Practical steps to implement risk management
- Evaluating risk identification and analysis methods
- Implementing mitigation strategies and prioritisation
- Methods to reporting changes to management

### Information Security Programme Management

- Applying project management practices
- Planning and business processes
- Infrastructure
- Life cycles processes
- Impact on end users
- Managing internal and external resources

### Implementing Security Programme Management

- Understanding information systems operations
- Identifying appropriate security controls and policies
- Applying standards and procedures
- Pinpointing trading partners and service providers
- Outlining security metrics and monitoring
- Assessing the change management process
- Undertaking vulnerability assessments and due diligence
- Examining culture, behaviour and security awareness

### Integrating Response Management with Business Continuity and Disaster Recovery

- Assessing the role of business continuity and disaster recovery planning
- Conducting the auditing process of business continuity and disaster recovery
- Performing a business impact analysis
- Developing response and recovery plans
- Identifying incident response processes
- Testing response and recovery plans
- Executing response and recovery plans

### Approach, Deliverables and Method

#### The practical hands-on course provides:

- Cross referencing and alignment to ISACA's CISM® Review Manual
- Instruction from a certified CISM® trainer with extensive operational experience across a broad range of public and private sector organisations

#### Course Deliverables:

- Comprehensive course notes and advice on further sources of information
- Certificate of attendance upon completion of the course

#### Delivery Method:

- Classroom style - combining lecture, discussion, practical examination tips and case studies utilising course materials, digital projector and flipchart
- Delegates need to bring their copy of the CISM® Review Manual as issued by ISACA to the course
- Each participant must purchase the following ISACA published study materials to assist in the preparation for the CISM Examination:
  - CISM® Review Manual
  - CISM® Practice Question Database v7
  - CISM® Review Questions, Answers & Explanations Manual
  - CISM® Review Questions, Answers & Explanations Manual Supplement

### Consulting Services

Analytix's Consulting Services include, among others, Business Continuity Management, Corporate and IT Governance, ISO 27001 compliant ISMS implementation, IT maturity assessments, security certification assistance and performance management.

## Register Today

To register, or for more information, please contact us:

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