

5 Day Intensive Course

# CISM™

## Certified Information Security Manager™

**The ISACA® Certified Information Security Manager™ is the fastest growing and arguably the most prestigious qualification available for Information Security managers today.**

CISM properly recognises that security is first and foremost a management rather than a technical issue. CISM defines the core competencies and international standards of performance that information security managers are expected to master. It provides executive management with the assurance that those who have earned their CISM have the experience and knowledge to offer effective security management and advice.

This 5-day training program is presented by international security expert Krag Brotby, co-author of the official ISACA CISM Review manual. The course provides an intense environment in which participants can acquire, thoroughly and properly, the skills and knowledge expected of a world-class information security manager. In the process the course provides outstanding preparation for the CISM exam.



**SYDNEY 30 APRIL - 4 MAY 2012**

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# Certified Information Security Manager™



## Background to the CISM Qualification

The CISM has evolved from a comprehensive analysis of the tasks performed by, and knowledge areas that are required of, successful information security managers around the world. Five core competencies have been identified:

- **Information Security Governance**
- **Risk Management**
- **Information Security Program Management**
- **Information Security Management**
- **Response Management**

The CISM qualification has been created to measure and validate the attainment of international standards of performance that information security managers are expected to master. It provides executive management with the assurance that those who have earned their CISM have the experience and knowledge to offer effective security management and consulting services.

## Who Should Earn the CISM Designation?

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. Individuals with three years or more of experience managing the information security function of an enterprise or performing such duties will find CISM tailored to their knowledge and skills.

## Benefits of CISM Certification

- **Recognition of attainment of advanced job skills as required for an information security professional**
- **Worldwide recognition as an information security manager**
- **Opportunity to build upon existing certifications/credentials already earned**
- **Provides tangible evidence of career growth**
- **Potential for a salary increase and/or promotion**

## Exclusive Warranty

This course is the result of extensive research and development combined with high-level expertise. ALC backs the quality of this course unreservedly with an exclusive warranty. If for whatever reason the unthinkable should happen and you do not pass the CISM exam the first time, you are entitled to re-sit the entire course, or any part thereof, for free on any subsequent date.

## Course Objectives

This course has been independently commissioned with two objectives:

1. To provide an environment in which security professionals can acquire, thoroughly and properly, the skills and knowledge expected of a world-class information security manager. Whether or not you intend to sit for the CISM exam, this course is a powerful way to equip yourself with the knowledge of the five core competencies that define the successful information security manager
2. To maximise your prospects at the CISM exam if you choose to sit it.

## Who Should Attend

The CISM designation is for Information Security professionals who have 3-5 years of front-line experience with the security of information. This credential is geared towards Information Security managers and those who have information security management responsibilities.

## Course Structure

This 5-day course is structured to follow the CISM review manual and examination flow. A full day is provided for each of the core competencies and associated task and knowledge statements, thereby ensuring a detailed and thorough coverage of all areas that will be tested. The fundamental thrust of the 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.

## Credits for Other Qualifications

If you have other security qualifications you may be entitled to a one, or even two, year experience waiver. Please refer to our website for details.

## What You Receive

- Official CISM Review Manual
- CISM 100-Question Practice Test Manual
- A structured program of assignments and exercises to complete after the course and before the exam
- Email support after the course (up to two hours per participant)
- Exclusive 2-hour exam-prep webinar with Krag Brotby

[www.alc-group.com.au](http://www.alc-group.com.au)

### Course Content

## 1 Information Security Governance and Strategy

### 1. Introduction

- Definition
- Objectives
- Tasks
- Overview

### 2. Topics

- Effective Information Security Governance
- Key Information Security Concepts and Issues
- The IS Manager
- Scope and Charter of Information Security Governance
- IS Governance Metrics
- Developing an IS Strategy – Common Pitfalls
- IS Strategy Objectives
- Determining Current State of Security
- Strategy Resources
- Strategy Constraints
- Action Plan Immediate Goals
- Action Plan Intermediate Goals

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

## 2 Risk Management

### 1. Introduction

- Definition
- Objective
- Tasks
- Overview

### 2. Topics

- Effective Information Security Risk Management
- Integration into Life Cycle Processes
- Implementing Risk Management
- Risk Identification and Analysis Methods
- Mitigation Strategies and Prioritisation
- Reporting Changes to Management

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

## 3 Information Security Programme Management

### 1. Introduction

- Definition
- Objectives
- Tasks
- Overview

### 2. Topics

- Planning
- Security Baselines
- Business Processes
- Infrastructure
- Malicious Code (Malware)
- Life Cycles
- Impact on End Users
- Accountability
- Security Metrics
- Managing Internal and External Resources

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

## 4 Information Security Management

### 1. Introduction

- Definition
- Objective
- Tasks
- Overview

### 2. Topics

- Implementing Effective Information Security Management
- Security Controls and Policies
- Standards and Procedures

- Trading Partners and Service Providers
- Security Metrics and Monitoring
- The Change Management Process
- Vulnerability Assessments
- Due Diligence
- Resolution of Non-Compliance Issues
- Culture, Behaviour and Security Awareness

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

## 5 Response Management

### 1. Introduction

- Definition
- Objectives
- Tasks
- Overview

### 2. Topics

- Performing a Business Impact Analysis
- Developing Response and Recovery Plans
- Incident Response Processes
- Testing the Response and Recovery Plans
- Executing Response and Recovery Plans
- Documenting Events
- Post Event Reviews

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

## CISM Exam

Refer to [www.isaca.org](http://www.isaca.org)  
for exam dates and exam registration

The CISM exam is set, administered and marked by ISACA, the Information Systems Audit and Control Association® ([www.isaca.org](http://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.

