

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, lead author of official ISACA CISM Review manual and recipient of the ISACA 2009 John W. Lainhart IV Common Body of Knowledge Award. 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** 9-13 NOVEMBER 2009  
**MELBOURNE** 16-20 NOVEMBER 2009

[www.alctraining.com.au](http://www.alctraining.com.au)



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## 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 memorizing 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

- Comprehensive and rigorous 5-day coverage of all the material needed for the CISM exam
- 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
- Exclusive access to our CISM Hotline and pre-exam online support

## 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 Program 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

**Exam Closing Date: Wednesday 23 September 2009**

**For Exam Held on: Saturday 12 December 2009**

The CISM 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 consists of 200 multiple-choice questions. Comprehensive information is available in the "CISM Exam Bulletin of Information" which can be downloaded from the ISACA web site or from the CISM page on our own web site. You must register directly with ISACA by the Exam Closing Date. ISACA does not accept late registrations under any circumstances.

# Presenter: Krag Brothy



Presenter Krag Brothy has more than twenty years in the computer security field with a focus on governance and architecture. He is co-author of the official ISACA CISM Review manuals and related presentation materials. Brothy has served on the ISACA security practice development committee and has been appointed to the Test Enhancement Committee which defines the practice area for the coming years. As a contributor of CISM examination questions, Krag has an intimate understanding of the type and level of security governance knowledge required to be successful at the examination.

Brothy is a frequent presenter at numerous conferences globally and conducts training seminars for information security governance and information security management and metrics throughout Asia, Australia, the Middle East, and the US, including training for the US Department of Defence.

He has authored numerous white papers and articles on risk management, PKI, and training and is a foundation patent holder in the early days of digital rights management.

Clients have included Microsoft, Unisys, AT&T, Alyeska, Countrywide Financial, Informix, VISA, Verisign, Digital Signature Trust, Australia Post, ZANTAZ, Bank Al Bilad, JP Morgan Chase, Singapore Government, Certicom, Paycom among others.

He is currently focused on an information security metrics project for ISACA as the researcher and author in addition to completing reference books on security metrics and security governance for Auerbach and Wiley and Sons. Mr Brothy is based in California, USA.

An early contributor to SABSA methodology and developer of the Business Process Assurance model (BPA) and the Rapid Security Assessment Model (RSAM), Krag has extensive experience with security governance issues and practices. He is author of Information Security Governance: Guidance for Boards of Directors and Executive Management published by the IT Governance Institute (2006).

### HOW TO REGISTER

- Register Online  
[www.alctraining.com.au](http://www.alctraining.com.au)
- Send your details by email  
[learn@alctraining.com.au](mailto:learn@alctraining.com.au)
- Fax the Enrolment Form below to:  
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- Any queries please call Customer Service  
**Tel: 1300 767 592**
- Post the completed Enrolment Form to:  
**ALC Training Pty Ltd**  
 PO Box 2229, Bondi Junction NSW 1355

### COURSE DETAILS

**FEES:** (per delegate) **A\$**  
 CISM™ Certified Information Security Manager **3450 +GST**  
 Course fee does not include exam

**VENUE:** The course will be held at a high quality centrally-located venue. Full details will be on your confirmation letter and can also be found under the Schedule tab on our web site.

**COURSE INFORMATION:** The course is held from 8.30am to 5.30pm and registration is from 8.00am. Fees include lunch, refreshments and all course materials.

**TERMS and GUARANTEE:** To ensure your admission to the course, fees are payable in advance. To guarantee your satisfaction we offer a money-back or full credit policy. Details will be on your confirmation letter and our website. Cancellations with full refund will be accepted up to 10 working days before the course. After that time no refunds can be given, but substitutions may be sent at any time.

## ENROLMENT FORM - CISM™ Certified Information Security Manager™

ALC Training Pty Ltd is an independent Australian company dedicated to the provision of top quality training and professional services for business and government. ALC has no affiliations with any vendor of hardware or software and is therefore able to provide totally unbiased education, advice and support.

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