



Certified Information Systems Auditor (CISA)

Duration: 5 Days **Course Code: CISAU**

Overview:

CISA® is a trademark of the Information Systems Audit and Control Association® (ISACA®)

More than 60,000 security professionals hold CISA certification, which was awarded the "Best Professional Certification" for 2009 by SC Magazine. Global Knowledge was also recognized for the fourth year in a row as a finalist for the "Best Professional Training Program." Join the elite ranks of the CISA certified with the help of our CISA Prep training course.

In this course, you'll cover all six domains of the Certified Information Systems Auditor (CISA) exam and gain the knowledge and technical concepts required to obtain CISA certification. Since its inception in 1978, the CISA exam has become the gold standard of excellence in IS auditing, control, and security. Our experts have created a study guide of relevant, up-to-date information, including summary charts, insightful data, and practice exams.

Target Audience:

IS audit, control, assurance, and security professionals, including IT consultants, auditors, managers, security policy writers, privacy officers, information security officers, network administrators, security device administrators, and security engineers, who have five years of experience with audit, IT systems, and security of information systems.

Objectives:

- In-depth coverage of the six domains required to pass the CISA exam:
 - IS Audit Process
 - IT Governance
 - Systems and Infrastructure Lifecycle Management
 - IT Service Delivery and Support
 - Protection of Information Assets
 - Business Continuity and Disaster Recovery
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Prerequisites:

Attendees should meet the following prerequisites:

- Systems administration experience, familiarity with TCP/IP, and an understanding of UNIX, Linux, and Windows. This advanced course also requires intermediate-level knowledge of the security concepts covered in our Security+ Prep Course.
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Content:

Testing-Taking Tips and Study Techniques

- Preparation for the CISA Exam
- Submitting Required Paperwork
- Resources and Study Aids
- Passing the Exam the First Time

The Audit Process

- Risk
- Audit
- Standards and Guidelines

IT Governance

- Best Practices
- Management Practices
- Roles and Responsibilities

Lifecycle Management

- Project Management
- Business Application Development
- Information Systems Maintenance Practices

System Infrastructure Control

- Auditing Application Controls
- Application System Development
- Business Application Systems

Information Systems Hardware and Architecture

- Information Systems Operations
- Information Systems Hardware
- SDLC
- Databases

Information Systems Used for IT Delivery and Support

- OSI
- TCP/IP Model
- TCP/UDP/ICMP/IP
- Routers/Switches/Hubs
- Firewalls
- Wireless
- WAN Technologies - X.25/Frame Relay/PPP/ISDN/DSL/Cable

Protection of Logical Assets

- CIA
- Roles and Responsibilities - RACI
- Asset Management
- Taxonomy - Information Classification
- Risk Management
- Policies, Procedures, Standards, Guidelines, Baselines
- Knowledge Transfer - Awareness, Training, Education

Physical Security

- Environmental Protection Practices
- Physical Authentication
- Policies and Procedures

Business Continuity and Disaster Recovery

- BIA Policy
- BIA Roles and Teams
- Data Backups, Vaulting, Journaling, Shadowing
- Alternate Sites
- Emergency Response
- Required Notifications
- BIA Tests

Review and Q;A Session

- Final Review and Test Prep

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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