



CERTIFIED INFORMATION SYSTEMS AUDITOR

DURATION: 5 DAYS

COURSE 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. Along with our custom course material, you will receive a free copy of Michael Gregg's CISA Exam Prep: Certified Information Systems Auditor, published by Que

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?

COURSE OBJECTIVES

1. In-depth coverage of the six domains required to pass the CISA exam:
2. IS Audit Process
3. IT Governance
4. Systems and Infrastructure Lifecycle Management
5. IT Service Delivery and Support
6. Protection of Information Assets

7. Business Continuity and Disaster Recovery

COURSE CONTENT

Testing-Taking Tips and Study Techniques

1. Preparation for the CISA Exam
2. Submitting Required Paperwork
3. Resources and Study Aids
4. Passing the Exam the First Time
5. The Audit Process
6. Risk
7. Audit
8. Standards and Guidelines
9. IT Governance
10. Best Practices
11. Management Practices
12. Roles and Responsibilities
13. Lifecycle Management
14. Project Management
15. Business Application Development
16. Information Systems Maintenance Practices
17. System Infrastructure Control
18. Auditing Application Controls
19. Application System Development
20. Business Application Systems
21. Information Systems Hardware and Architecture
22. Information Systems Operations
23. Information Systems Hardware
24. SDLC
25. Databases
26. Information Systems Used for IT Delivery and Support
27. OSI
28. TCP/IP Model
29. TCP/UDP/ICMP/IP
30. Routers/Switches/Hubs

31. Firewalls
32. Wireless
33. WAN Technologies - X.25/Frame Relay/PPP/ISDN/DSL/Cable
34. Protection of Logical Assets
35. CIA
36. Roles and Responsibilities - RACI
37. Asset Management
38. Taxonomy - Information Classification
39. Risk Management
40. Policies, Procedures, Standards, Guidelines, Baselines
41. Knowledge Transfer - Awareness, Training, Education
42. Physical Security
43. Environmental Protection Practices
44. Physical Authentication
45. Policies and Procedures
46. Business Continuity and Disaster Recovery
47. BIA Policy
48. BIA Roles and Teams
49. Data Backups, Vaulting, Journaling, Shadowing
50. Alternate Sites
51. Emergency Response
52. Required Notifications
53. BIA Tests
54. Review and Q&A Session
55. Final Review and Test Prep

COURSE 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.