

ISACA CISA – Certified Information Systems Auditor

This CISA training covers how to audit, control, monitor and assess any organization's information technology and business systems — especially enterprise-level systems and networks. Use the course to prepare for ISACA'S CISA exam, which is the one required exam to earn the Certified Information Systems Auditor certification.

[CBT Nuggets course material](#) →

WEEK 1

IS Audit Planning

159 min.

Discussing IS Audit Standards, Guidelines, and Code of Ethics	9
Evaluating the Business Process	10
Auditing Business Applications	13
Defining Types of Controls	9
Analyzing Risk Based Audit Planning	10
Identifying Types of Audits	5

IS Audit Execution

Overview	1
Discussing Audit Project Management	11
Sampling Methodologies	7
Considering Audit Evidence Collection Techniques	9
Exploring Data Analytics	11
Implementing Continuous Online Auditing	7
Exploring Reporting and Communication Techniques	7
Ensuring Quality and Improvement of the Audit Process	5
IS Audit Process Domain Review	9

IT Governance

Overview	1
IT Governance and IT Strategy Pt.1	11
IT Governance and IT Strategy Pt.2	8
IT Related Frameworks	2
IT Standards, Policies, and Procedures	12

WEEK 2

155 min.

Organizational Structure	11
Enterprise Architecture	3
Enterprise Risk Management	8
Maturity Models	3
Laws, Regulations, and Industry Standards	4

IT Management

Overview	1
Resource Management	7
IT Service Provider Acquisition and Management	10
IT Performance Monitoring and Reporting	8
Quality Assurance and Quality Management of IT	4
Domain 2 Review	9

Information System Project Governance and Management

Overview	1
Project Management Roles	6
Information System Project Lifecycle	3
Business Management and Budgeting	8
Business Case and Feasibility Management	6
Input Controls	7
Processing Procedures and Controls	7
Output Controls	8
Decision Support System	4

System Development Methodologies

Overview	1
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Systems Development Life Cycle (SDLC)	7
SDLC Models	5
Software Development Process	5
Software Development Methods	3
Application Development Tools	4
Process Engineering	9

WEEK 3

153 min.

Physical Architecture Analysis	5
Hardware Acquisition	5
Software Acquisition	5

Information Systems Implementation

Overview	1
Testing Methodologies	6
Testing Approaches	5
Configuration and Release Management	4
System Migration, Infrastructure Deployment, and Data Conversion	9
Post-Implementation Review	6
Domain Review	6

Information Systems Operations

Overview	1
Common Technology Components	6
IT Asset Management	3
Job Scheduling and Process Automation	4
System Interfaces	5
End-User Computing	4

Data Governance	5
Operating Systems	6
Software Licensing	6
Source Code Management	7
Capacity Management	8

Information Systems Management

Overview	1
Problem and Incident Management	9
Change, Configuration, Release and Patch Management	5
Information Systems Operations	6
IT Service Level Management	6
Database Fundamentals	10
Database Controls	6

WEEK 4

Business Resilience

155 min.

Overview	1
Defining Business Impact Analysis	4
Creating System Resiliency	6
Discussing Data Backup, Store and Restoration	8
Exploring Data Backup Practices	7
Defining a Business Continuity Plan	4
Creating a Business Continuity Plan (BCP)	6
Defining Disaster Recovery Plans (DRPs)	9
Disaster Recovery Planning	4
Domain Review	9

Information Security and Environmental Controls

Overview	1
Exploring Information Security Frameworks and Roles	5
Identifying Privacy Principals	7
Defining Security Controls	5
Handling Power and Water Events	6
Dealing With Fire-Related Events	6
Addressing Physical Access Exposure and Controls	5

Identity and Access Management

Overview	1
Analyzing Access Control and Supply Chain Risk	5
Exploring Logical access	8
Identifying Types of authorization	7
Reviewing Remote Access	6
Analyzing System logs	5
Discussing Data Leakage	4

Network and Endpoint Security

Overview	1
Discovering Networking Basics	6
Exploring the OSI Model	5
Digging into LANs	4
Discussing LAN Cabling	6

WEEK 5

152 min.

Reviewing LAN Considerations	5
Exploring WANs	5

Discussing Network Management	5
Examining Network Infrastructure Security	4
Exploring Firewalls	11

Data Classification and Encryption

Overview	1
Exploring Data Classification	4
Covering Encryption Basics	3
Reviewing Encryption Systems	6
Diving into Digital Signatures	8
Touring Cryptographic Applications	3
Examining Public Key Infrastructure (PKI)	5

Business Application Security

Overview	1
Touring Telephony Applications	5
Reviewing Network-Based Applications	8
Exploring Cloud Computing Basics	10
Discussing Cloud Computing Risks	5
Examining Virtualization Basics	10
Managing Mobile Device Security	5
Reviewing Wireless Networks	3
Identifying Internet of Things (IoT)	4

Security Event Management

Overview	1
Sizing Up Security Awareness Training	5
Identifying Information System Attack Methods and Techniques	10
Reviewing Security Testing Tools and Techniques	4

Exploring Penetration Testing	5
Identifying Security Monitoring Tools and Techniques	6
Discovering Incident Response Management	3
Exploring Evidence Collection and Forensics	4

WEEK 6

29 min.

Domain Review	9
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CISA Exam Prep

Overview	1
Thinking Like an Auditor	3
Reviewing Rules for Choosing the Right Answer	3
Discovering ISACA Engage	3
Examining Review Questions	8