

 2024 UPDATES TO CISA ILT/VILT MATERIALS

- ❖ Over 500 slides rewritten and redesigned for updated look and feel, and improved visual accessibility.
- ❖ Direct input from 10+ Instructors as part of an Instructor Advisory Group to help address instructor concerns. Based on instructor feedback we:
 - Added more structured activities to replace lectures.
 - Reviewed and updated 30 discussion and practice questions.
 - Added at least two new case studies to every domain.
- ❖ All 5 domains outlined to align to the Exam Content Outline and CISA Exam, for greater emphasis on test preparation:
 - Worked with Subject Matter Experts and current instructors to remove content not as relevant to CISA candidates.



2024 UPDATES TO CISA ONLINE REVIEW COURSE

New format

- The online course now leverages AI tools in its design, for a modern look and feel.
- The course is now comprised of short, microlearning video assets. There are over 150 microlearning videos in this new course!
- The course will be made up of approximately 45 short modules containing video, text, and interactive elements.
 - This is in contrast to previous versions made up of only 5-10 very long modules.

New Content Focus

- The new update has a primary focus on exam preparation, with:
 - Extensive analysis of the Exam Content Outline to emphasize most important content.
 - 7+ Subject Matter Experts' input to focus on elements that are most important for passing the exam.
- Added content includes exam preparation tips such as:
 - Types of questions to expect
 - Study planning tips
 - Question answering strategies
 - More practice questions (pre-test and mock exam)



2024 UPDATES TO CISA ONLINE REVIEW COURSE

Mobile responsiveness

- The new course is now very mobile-friendly and mobile-responsive, making it easy to review modules on your phone or device.

Accessibility

- We've been sure to include enhanced accessibility features such as closed captioning, text resizing (where applicable), audio speed adjustment (where applicable), and screen reader support.

Length

- The new course will be slightly shorter thanks to a tighter focus on exam prep:
 - approx. 18-19 hours, down from previous 22 hrs (still subject to change)
- We are now providing estimated durations for each module to aid in study planning



2024 UPDATES TO CISA QAE DATABASE

- ❖ **All 1,000 existing CISA QAE items reviewed, edited, and reclassified per new Job Practice or deleted if obsolete/outdated.**
- ❖ 97 new items added:
 - Includes emerging tech topics such as AI/ML, blockchain, etc.
- ❖ 1,070+ items in the new CISA QAE database (1,000 in print).



CISA REVIEW MANUAL 28th EDITION UPDATES

- ❖ Updated to fully reflect the new Job Practice Update.
 - Review done to remove outdated/obsoleted terminology and technology
 - Case studies and Self-assessment questions reviewed and updated
- ❖ Full-color added throughout the Review Manual and layout style modernized.

27 th Edition	28 th Edition Change
Domain 1: Information System Auditing Process (new weight 18%)	
1.1.4 ITAF (and overall)	Updated to reflect 4th edition of ITAF
1.2 Business Processes	Removed and integrated into other areas of the manual. Including: <ul style="list-style-type: none"> • 1.1.5 IS Internal Audit Function • Figure 1.6 Business Application Controls • 1.3 Risk-based Audit Planning



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 1: Information System Auditing Process	
1.5 Types of Audits and Assessments	Now section 1.2 Types of Audits, Assessments, and Reviews <ul style="list-style-type: none">• Expanded to include:<ul style="list-style-type: none">• 1.2.1 Control Self-assessment• 1.2.2 Integrated Audit
1.4 Risk-based Audit Planning	Now section 1.3; Revised and former Business Process information moved here as applicable
1.3 Types of Controls	Now section 1.4, with a focus on identifying and understanding controls at a high level to reduce repetition with Domain 5.



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 1: Information System Auditing Process	
	Section 1.4 additions and changes (cont.): <ul style="list-style-type: none"> • 1.4.1 Internal Controls • Business Process Applications and Controls • 1.4.4 Control Relationship to Risk • 1.4.5 Prescriptive Controls and Frameworks
1.6 Audit Project Management	Now 1.5 Audit Project Management; focuses on management of the Audit Project and includes Agile Audit
1.8 Data Analytics	Now 1.7 Audit Data Analytics; includes expanded section on AI/ML and the impact on audit.
1.11 Quality Assurance and Improvement of the Audit Process	Now 1.10 Quality Assurance and Improvement of the Audit Process; overhauled and updated



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 2: Governance and Management of IT (new weight 18%)	
2.1 IT Governance and Strategy 2.4 Organizational Structure	Now section 2.2 Organizational Structure, IT Governance and IT Strategy: <ul style="list-style-type: none"> • Added section on Three Lines Model
Removed section 2.7 Maturity Models	Integrated in text as applicable
5.2 Privacy Principles	Now section 2.6 Data Privacy Program and Principles; significantly updated due to rapid changes in the privacy space.
4.6 Data Governance 5.6 Data Classification	Now section 2.7 Data Governance and Classification; significantly updated due to rapid changes in the privacy space.
2.11 IT Performance Monitoring and Reporting	Now section 2.10 2.11 IT Performance Monitoring and Reporting <ul style="list-style-type: none"> • Added subsections on KPIs, KRIs, and KCIs



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 2: Governance and Management of IT	
2.12 Quality Assurance and Quality Management of IT	Now section 2.11 Quality Assurance and Quality Management of IT <ul style="list-style-type: none"> • Add section 2.11.3 Operational Excellence
Domain 3: Information Systems Acquisition, Development & Implementation (no weight change)	
3.3 System Development Methodologies	Updated and figures added. Added content on DevSecOps and iterative development



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 4: Information Systems Operations and Business Resilience (new weight 26%)	
4.1 Common Technology Components	Now section 4.1 IT Components: <ul style="list-style-type: none"> • Moved Networking subsection from Domain 5 <ul style="list-style-type: none"> • Removed outdated or now-common information • 4.1.4 RFID now 4.1.5 Wireless Communication Technologies to be more inclusive
4.5 End-User Computing	Now section 4.5 End-User Computing and Shadow IT
	New section: 4.9 Operational Log Management



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 5: Protection of Information Assets (new weight 26%)	
	<ul style="list-style-type: none"> • Overall redundancy eliminated • Technical control information greatly revised and updated throughout
	Section 5.2 Physical and Environmental Controls <ul style="list-style-type: none"> • ICS information moved to section 5.2.3
5.4 Identity and Access Management	Now section 5.3 Identity and Access Management. Added subsections: <ul style="list-style-type: none"> • 5.3.3 Zero-Trust Architecture • 5.3.4 Privileged Access Management • 5.3.6 Identity Governance Administration • 5.3.7 Identity as a Service • 5.3.11 Digital Rights Management



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 5: Protection of Information Assets (cont.)	
5.5 Network and End-point Security	<p>Now section 5.4 Network and Endpoint Security. Added subsections:</p> <ul style="list-style-type: none"> • 5.4.7 Network Attached Storage • 5.4.13 Unified Threat Management • 5.4.14 Network Segmentation • 5.4.15 Endpoint Security (including EDR and XDR)
	New section 5.5 Data Loss Prevention
5.7 Data Encryption and Encryption-related Technologies	<p>Now section 5.6 Data Encryption. Added sections:</p> <ul style="list-style-type: none"> • 5.6.6 Quantum Cryptography • 5.6.7 Homomorphic Encryption • 5.6.11 Kerberos



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 5: Protection of Information Assets (cont.)	
	New section 5.8 Cloud and Virtualized Environments
5.12 Security Awareness Training Programs	Now section 5.10 Security Awareness Training and Programs; expanded and updated
5.13 Information System Attack Methods and Techniques	Now section 5.11 Information System Attack Methods and Techniques. Added subsections: <ul style="list-style-type: none">• 5.11.5 Ransomware



CISA REVIEW MANUAL 28th EDITION UPDATES

27 th Edition	28 th Edition Change
Domain 5: Protection of Information Assets (cont.)	
5.16 Incident Response Management	Now section 5.14 Security Incident Response Management; expanded and updated. Added subsections: <ul style="list-style-type: none">• 5.14.1 Incident Response Process• 5.14.3 Incident Response Plan• 5.14.4 SOAR
5.17 Evidence Collection and Forensics	Now section 5.15 Evidence Collection and Forensics; expanded and updated