Certified Information Systems Auditor (CISA) Mastery

19 – 30 April 2027
Toronto (Canada)



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Why This Course

As organizations become increasingly dependent on digital systems, the need for robust governance, effective controls, and independent assurance has never been greater. Information Systems Auditors play a critical role in safeguarding assets, managing risk, and ensuring that IT supports business objectives.

This intensive 2-week Certified Information Systems Auditor CISA preparation program provides comprehensive coverage of all exam domains defined by ISACA. The course blends technical knowledge, audit methodology, governance frameworks, and real-world application to equip participants with both the competence to perform high-quality IS audits and the confidence to successfully pass the CISA certification exam.

Through structured lectures, applied case studies, and practical exercises, participants will build a strong foundation across audit, governance, systems development, operations, and information security.

What You'll Learn and Practice

By attending this program, you will:

- Master the five domains of the CISA exam syllabus.
- Plan, execute, and report on IS audits using internationally recognized standards.
- Evaluate IT governance structures and risk management frameworks.
- Assess systems acquisition, development, and implementation controls.
- Review IT operations, business continuity, and disaster recovery practices.
- Examine information security controls across infrastructure, applications, and cloud environments.
- Strengthen exam readiness through practice questions and structured review sessions.

The Program Flow

Day 1: Introduction to IS Auditing

- Overview of CISA certification structure and requirements
- IS audit standards, guidelines, and professional ethics
- Risk-based audit planning
- Audit evidence collection and documentation techniques



Day 2: IT Governance and Management

- IT governance frameworks, including COBIT and ITIL
- Aligning IT strategy with business objectives
- IT resource and portfolio management
- Performance measurement and reporting mechanisms

Day 3: Information Systems Acquisition Part 1

- Project management methodologies
- Feasibility analysis and business case development
- Requirements definition and validation
- Vendor evaluation and contract considerations

Day 4: Information Systems Acquisition Part 2

- System Development Life Cycle SDLC controls
- Agile and DevOps considerations from an audit perspective
- Quality assurance and testing controls
- Change management and configuration management processes

Day 5: Information Systems Implementation

- Implementation planning and control validation
- Data migration and conversion risks
- User acceptance testing UAT
- Post-implementation review practices

Day 6: IS Operations and Maintenance

- IT service management processes
- Capacity planning and performance management
- Incident and problem management
- Patch, configuration, and operational control monitoring

Day 7: Business Continuity and Disaster Recovery

- Business impact analysis BIA
- Disaster recovery planning and strategy selection
- Backup and restoration controls
- Testing and maintaining BC/DR frameworks



Day 8: Information Asset Protection Part 1

- Information security governance structures
- Identity and access management controls
- Network and infrastructure security mechanisms
- Cryptography principles and key management practices

Day 9: Information Asset Protection Part 2

- Application and database security controls
- Cloud and virtualization risk considerations
- Mobile, IoT, and emerging technology risks
- Security monitoring and incident response frameworks

Day 10: CISA Exam Preparation

- Comprehensive review of all five domains
- Practice exam questions with guided analysis
- Exam strategies, time management, and common pitfalls
- Final clarification session and readiness assessment

Individual Impact

- Strong capability to conduct risk-based IS audits aligned with global standards.
- Enhanced expertise in IT governance, systems development controls, and operational risk.
- Improved confidence in evaluating cybersecurity and information protection mechanisms.
- Structured preparation pathway to successfully achieve CISA certification.

Organizational Impact

- Stronger assurance over IT governance and control environments.
- Improved risk identification and mitigation across digital operations.
- Enhanced regulatory compliance and audit readiness.
- Better alignment between IT investments, security, and business objectives.

Training Methodology

- Instructor-led technical sessions aligned with CISA domains.
- Real-world audit scenarios and applied case discussions.
- Practice assessments with performance feedback.
- Structured exam-focused revision and strategy sessions.



Beyond the Course

Participants will leave ready to:

- Perform comprehensive IS audits with confidence and professionalism.
- Evaluate governance, risk, and control frameworks across IT environments.
- Strengthen cybersecurity and operational control oversight.
- Sit for and successfully pass the CISA certification exam.

