



Information Technology

ISO 27001:2022 Lead Auditor

Course Introduction

ISO 27001:2022 sets the global benchmark for establishing, implementing, and auditing Information Security Management Systems.

This training program equips “BTC” participants with the skills, knowledge, and practical tools needed to conduct professional audits aligned with ISO 27001:2022 requirements

Target Audience

- Internal and external auditors seeking ISO 27001 Lead Auditor certification. Information Security Managers and Officers.
- Risk and compliance professionals.
- IT and data governance professionals.
- Quality managers transitioning to information security audits.

Learning Objectives

- 1- Understand the ISO 27001:2022 standard structure, clauses, and Annex A controls.
- 2- Interpret and apply the requirements of an ISMS audit.
- 3- Plan, conduct, and lead internal and external audits
- 4 - Manage audit teams and communication with auditees.
- 5 - Assess evidence, nonconformities, and risks
- 6 - Prepare accurate and actionable audit reports

7 - Understand auditor roles, ethics, and professional conduct.

8 - Prepare for certification as a Lead Auditor under a recognized certification body.

Course Outline

• 01 Day One

Introduction to Information Security & ISO 27001:2022:

- Overview of information security concepts and principles.
- Evolution of ISO 27001 and structure of the 2022 update.
- Key definitions and terminology in ISMS.
- Understanding ISO High-Level Structure (HLS).
- Context of the organization and stakeholder analysis.
- Risk-based thinking and its role in ISO 27001.
- Legal, regulatory, and contractual obligations.
- Practical Application: Mapping threats to ISO clauses.

ISO 27001 Clauses and Requirements (Clause 4–10)

- Clause-by-clause analysis (Clause 4 to Clause 10).
- Roles and responsibilities of top management.
- Planning ISMS objectives and risk assessment approach.
- Support and awareness across the organization.
- Operational control of ISMS – documented information.
- Performance evaluation and internal audit.
- Management review and continual improvement.
- Aligning controls with organizational risk appetite. Workshop:
- Drafting sample ISMS scope and policy.

• 02 Day Two

Annex A Controls and Control Objectives

- Understanding the 93 controls in Annex A.
- Control themes: Organizational, People, Physical, Technological.
- Linking Annex A to control objectives and risks.
- Control implementation challenges and audit evidence.

- Case studies: Effective vs ineffective control implementation.
- Overview of ISO 27002 as a guidance tool.
- Interview techniques for control verification.
- Role of documentation and traceability.
- Practical Application: Reviewing a Statement of Applicability (SoA).

• 03 Day Three

Practical hands on workshop through 2 assignments scenario based nonconformance reporting ,observations and extracting points of improvements/ security practices benchmarked.

This intensive training workshop provided a comprehensive exploration of auditing methodologies predicted on the ISO 9011 standard. Participants acquired a thorough understanding of:

- ISO 9011 Framework and Structure: A detailed overview of the standard's framework and its constituent elements.
- Key Audit Roles: Clear articulation of responsibilities, with a specific focus on the function and competencies of the lead auditor.
- Established Audit Protocols: Comprehensive instruction on recognized audit procedures and methodologies.
- Practical Application of Risk Assessment and Analysis: Through experiential learning, attendees cultivated practical skills in systematic identification, rigorous evaluation, and comprehensive understanding of organizational risks within the context of quality management systems.

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 22, 2025	June 24, 2025	3 days	1550.00 \$	Virtual - Online

