

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27001BIM — Information Security for BIM Data Management

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BIM-27001BIM • ISO Building & Construction

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AT A GLANCE

REFERENCE	BLD-BIM-27001BIM
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO BLD Foundation

7 chapters · 42 classes100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

› Defining the Organisation's Context in BIM Data Management

› Identifying Interested Parties in ISO 27001BIM

› Determining Scope for Information Security in BIM

› Establishing Management System Boundaries for BIM Data

› Assessing Internal and External Issues Affecting BIM

› Mapping Stakeholder Needs and Their Impact on ISO 27001BIM

• 5 Clause 5: Leadership — 6 classes

› The Role of Leadership in ISO 27001BIM Implementation

› Establishing Information Security Policies in BIM

› Defining Roles and Responsibilities for BIM Security

› Authority Assignments in ISO 27001BIM Framework

› Leadership Commitment to BIM Data Protection Standards

› Building a Culture of Security in BIM Management

• 6 Clause 6: Planning — 6 classes

› Identifying Risks in BIM Data Management

› Opportunities in Information Security for BIM

› Setting Effective Objectives for ISO 27001BIM

› Planning Strategies to Mitigate BIM Data Risks

› Aligning BIM Security Objectives with Organisational Goals

› Monitoring and Reviewing Data Management Objectives in BIM

• 7 Clause 7: Support — 6 classes

› Understanding Resource Allocation in ISO 27001BIM

› Building Competence for Effective BIM Data Management

› Fostering Awareness of Information Security in BIM

› Effective Communication Strategies for ISO 27001BIM

› Documenting Information Requirements in ISO 27001BIM

› Ensuring Compliance through Documented Information Practices

• 8 Clause 8: Operation — 6 classes

› Operational Planning for BIM Data Management

› Establishing Controls in ISO 27001BIM

› Risk Assessment Strategies for BIM Security

› Documenting Procedures for Data Protection in BIM

› Implementing Incident Response for BIM Data Breaches

› Monitoring and Reviewing BIM Operational Controls

• 9 Clause 9: Performance Evaluation — 6 classes

› Monitoring Information Security Performance in BIM Data Management

› Measurement Techniques for BIM Data Security Compliance

› Analysing Data Management Metrics in ISO 27001BIM

› Conducting Effective Internal Audits for BIM Security

› Evaluating Performance Against ISO 27001BIM Standards

› Management Review Processes for Continuous Improvement in BIM

• 10 Clause 10: Improvement — 6 classes

› Understanding Nonconformity in BIM Data Management

› Developing Effective Corrective Actions for BIM Risks

› Establishing a Framework for Continual Improvement in BIM

› Assessing the Impact of Nonconformity on BIM Operations

› Key Strategies for Root Cause Analysis in BIM

› Integrating Improvement Processes into BIM Governance

• **CH1 Understanding ISO 27001BIM Framework and Requirements** — 6 classes

- › Overview of ISO 27001BIM and Its Importance
- › Key Components of Information Security for BIM
- › ISO 27001BIM Structure and Documentation Essentials
- › Understanding Risk Management in BIM Context
- › Compliance Obligations and Regulatory Landscape
- › Identifying Stakeholders and Their Roles

• **CH2 Conducting Gap Analysis for ISO Compliance** — 6 classes

- › Defining Current State vs. Desired State
- › Tools and Techniques for Effective Gap Analysis
- › Identifying Information Security Weaknesses
- › Documenting Findings and Recommendations
- › Prioritising Gaps Based on Risk Assessment
- › Communicating Gap Analysis Results to Stakeholders

• **CH3 Project Planning for ISO 27001BIM Implementation** — 6 classes

- › Establishing a Project Team and Governance Structure
- › Developing a Comprehensive Implementation Plan
- › Setting Milestones and Timeline for Implementation
- › Allocating Resources and Budget Considerations
- › Risk Management Strategies for Project Planning
- › Engaging Stakeholders in the Planning Process

• **CH4 Documentation and Process Development** — 6 classes

- › Creating Necessary Policies and Procedures
- › Document Control and Version Management Best Practices
- › Establishing Information Security Roles and Responsibilities
- › Maintaining Records for Compliance and Auditing
- › Communication Protocols for Information Security
- › Integrating BIM Processes with ISO Documentation

• **CH5 Preparing for Internal Audit and Certification** — 6 classes

- › Internal Audit Methodology for ISO 27001BIM
- › Developing an Internal Audit Program
- › Conducting Effective Audits and Reporting Findings
- › Management Review Processes for Continuous Improvement
- › Adjusting Strategies Based on Audit Outcomes
- › Achieving Certification Readiness for ISO 27001BIM

• **CH1 Introduction to ISO BLD-BIM-27001BIM Standards** — 6 classes

- › Understanding ISO 27001BIM Fundamentals
- › Key Concepts in Information Security for BIM
- › The Importance of ISO Standards in Construction
- › ISO 27001BIM Compliance and Requirements
- › Overview of BIM Data Management
- › Navigating the ISO Certification Process

• **CH2 Positioning ISO Skills within the Industry** — 6 classes

- › Identifying Market Needs for ISO Experts
- › Integrating ISO Skills into Professional Profiles
- › Understanding Client Expectations in BIM Projects
- › Developing ISO-related Services for Clients
- › Communicating ISO Value Propositions Effectively
- › Trends in BIM and Information Security

• **CH3 Building a Strong Consultant Brand** — 6 classes

- › Establishing Your Consulting Brand Identity
- › Creating a Unique Value Proposition in BIM Consulting
- › Marketing Strategies for ISO Consultants
- › Leveraging Social Media for Brand Building
- › Networking and Building Industry Relationships
- › Client Engagement and Retention Strategies

• **CH4 LAPT Partner Framework and Collaboration** — 6 classes

- › Understanding the LAPT Partner Framework
- › Collaborating with Industry Stakeholders
- › Creating Value through Partnerships
- › Role of Alliances in Expanding Consultant Services
- › Navigating Partnership Agreements
- › Measuring Success in Collaborative Projects

• **CH5 Consulting Practices for ISO and BIM Integration** — 6 classes

- › Developing Effective Advisory Services for Clients
- › ISO Implementation Strategies in BIM Environments
- › Risk Management and Compliance in BIM Projects
- › Creating Training Programs for Staff and Clients
- › Case Studies in ISO + BIM Integration
- › Future Trends in ISO Consulting for BIM