

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27001IHT — Information Security Management for Health Data

ISO Certification Programme



LAPT — London Academy of Professional Training

Address 85 Great Portland Street, W1W 7LT, London, United Kingdom

Email info@lapt.org

Telephone +44 7513 283044

Web lapt.org

Reference IIT-IHT-27001IHT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IHT-27001IHT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1	Auditing and Continuous Improvement	0 chapters65 marks
2	Compliance and Legal Considerations • 1 Understanding Legal Frameworks for Health Data Security • 2 Compliance Standards and Best Practices in Health IT • 3 Risk Management in Health Data Compliance • 4 Incident Response and Reporting Regulations • 5 Audit and Assurance in Compliance Practices	5 chapters65 marks
3	Developing an Effective ISMS	0 chapters85 marks

• 1 Understanding Information Security Principles in Health Data — 6 classes

- › 1.1 Define Key Information Security Concepts Relevant to Health Data
- › 1.2 Explore the Importance of Compliance with ISO 27001 in Healthcare
- › 1.3 Analyze Common Risks and Threats to Health Data Security
- › 1.4 Identify Roles and Responsibilities in Implementing Security Measures
- › 1.5 Develop Strategies for Effective Data Protection and Privacy
- › 1.6 Create an Action Plan for Continuous Improvement in Information Security

• 2 Overview of ISO 27001 Standards and Their Relevance to Health IT — 6 classes

- › 2.1 Define ISO 27001 and Its Core Principles
- › 2.2 Explore the Importance of Information Security in Health IT
- › 2.3 Identify Key Components of the ISO 27001 Framework
- › 2.4 Assess the Relevance of ISO 27001 to Health Data Management
- › 2.5 Examine Case Studies of ISO 27001 Implementation in Healthcare
- › 2.6 Develop an Action Plan for Adopting ISO 27001 in Health IT

• 3 Implementing ISO 27001: Key Steps and Best Practices for Healthcare Providers — 6 classes

- › 3.1 Assess Current Information Security Practices in Healthcare
- › 3.2 Identify Key Stakeholders and Establish an Information Security Team
- › 3.3 Define the Scope and Boundaries of the ISMS for Healthcare Providers
- › 3.4 Conduct a Risk Assessment to Identify Vulnerabilities in Health Data
- › 3.5 Develop and Document Information Security Policies and Procedures
- › 3.6 Implement and Monitor Compliance with ISO 27001 Standards

• 4 Risk Assessment and Management in Health IT Security — 6 classes

- › 4.1 Identify Key Risks in Health IT Security
- › 4.2 Analyze Vulnerabilities in Existing Systems
- › 4.3 Evaluate Potential Impact of Security Breaches
- › 4.4 Prioritize Risks for Effective Management
- › 4.5 Develop Mitigation Strategies for Identified Risks
- › 4.6 Implement Continuous Monitoring and Review Processes

• 5 Evaluating and Maintaining Compliance with ISO 27001 in Health Organizations — 6 classes

- › 5.1 Identify Key Components of ISO 27001 for Health Organizations
- › 5.2 Assess Current Compliance Status Against ISO 27001 Requirements
- › 5.3 Develop an Action Plan to Address Compliance Gaps in Health Data Management
- › 5.4 Implement Continuous Monitoring Mechanisms for ISO 27001 Compliance
- › 5.5 Evaluate Effectiveness of Information Security Policies in Health Organizations
- › 5.6 Foster a Culture of Compliance and Information Security Awareness in Healthcare Teams

• 1 Understanding Risk Management Frameworks in Health IT — 6 classes

- › 1.1 Define Key Concepts in Risk Management for Health IT
- › 1.2 Identify Components of Risk Management Frameworks
- › 1.3 Analyze Risk Assessment Methodologies in Health IT
- › 1.4 Evaluate Legal and Regulatory Requirements in Health IT
- › 1.5 Develop a Risk Mitigation Strategy for Health Data
- › 1.6 Implement Continuous Risk Management Practices in Health IT

• 2 Identifying and Assessing Risks in Health Data Management — 6 classes

- › 2.1 Define Key Terms in Health Data Risk Management
- › 2.2 Recognize Common Risks in Health Data Management
- › 2.3 Analyze Threats to Health Data Security
- › 2.4 Assess Vulnerabilities in Health IT Systems
- › 2.5 Evaluate the Impact of Risks on Health Data Management
- › 2.6 Develop a Risk Assessment Action Plan for Health Data

• 3 Implementing Risk Mitigation Strategies in Health IT — 6 classes

- › 3.1 Assessing Risks in Health IT Environments
- › 3.2 Identifying Vulnerabilities in Health Data Systems
- › 3.3 Prioritizing Risks Based on Impact and Likelihood
- › 3.4 Developing Effective Risk Mitigation Strategies
- › 3.5 Implementing Controls and Safeguards in Health IT
- › 3.6 Monitoring and Reviewing Risk Management Processes

• 4 Monitoring and Reviewing Risk Management Practices — 6 classes

- › 4.1 Identify Key Performance Indicators for Risk Management
- › 4.2 Establish Baselines for Risk Assessment in Health IT
- › 4.3 Conduct Regular Audits of Risk Management Processes
- › 4.4 Analyze Risk Incident Reports and Trends
- › 4.5 Develop Action Plans Based on Risk Review Findings
- › 4.6 Communicate Risk Management Outcomes to Stakeholders

• 5 Compliance and Reporting in Health IT Risk Management — 6 classes

- › 5.1 Understand Regulatory Compliance Requirements in Health IT
- › 5.2 Identify Key Components of Health IT Risk Assessments
- › 5.3 Analyze the Role of Reporting in Health Data Management
- › 5.4 Develop Effective Compliance Reporting Strategies
- › 5.5 Learn Best Practices for Health IT Risk Management Documentation
- › 5.6 Evaluate Real-World Case Studies of Compliance Failures in Health IT

