LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27001IHT — Information Security Management for Health Data

ISO Certification Programme

LAPT — London Academy of Professional Training

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

UKPRN 10067351 • Registered in England and Wales, company 4984798

6	15	60	430	60%	Lifetime
SUBJECTS	CHAPTERS	CLASSES	TOTAL MARKS	PASS MARK	VALIDITY

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 chapters · 65 marks

2 Compliance and Legal Considerations

5 chapters · 65 marks

- 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

3 Developing an Effective ISMS

0 chapters · 85 marks

4 Information Security Frameworks and Standards

5 chapters · 30 classes **85 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

5 Risk Management in Health IT

5 chapters · 30 classes **65 marks**

- **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

6 Training and Awareness Strategies

0 chapters **65 marks**

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Curriculum current at the date of issue.