

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27799IHT — Health Informatics Information Security Management

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference IIT-IHT-27799IHT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IHT-27799IHT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Crisis Management and Incident Response 0 chapters 65 marks	
2 Information Security Fundamentals 5 chapters · 30 classes 85 marks	• 1 Understanding Information Security in Health Informatics — 6 classes › 1.1 Define Key Concepts in Health Informatics Security › 1.2 Identify Common Threats to Health Information Systems › 1.3 Explain the Importance of Data Protection Regulations › 1.4 Assess Vulnerabilities in Health Information Management › 1.5 Develop Strategies for Effective Information Security Policies › 1.6 Evaluate Real-World Case Studies of Security Breaches in Healthcare • 2 Legal and Ethical Considerations in Health Data Security — 6 classes › 2.1 Identify Key Legal Frameworks Governing Health Data Security › 2.2 Analyze Ethical Responsibilities in Handling Patient Information › 2.3 Discuss the Implications of Data Breaches in Healthcare Settings › 2.4 Evaluate Consent and Privacy Considerations in Health Data Usage › 2.5 Apply Legal Standards to Develop a Data Security Policy › 2.6 Create a Case Study Presentation on Ethical Dilemmas in Health Informatics • 3 Risk Management Strategies for Health Information Systems — 6 classes › 3.1 Identify Key Risks in Health Information Systems › 3.2 Assess the Impact of Information Security Breaches › 3.3 Evaluate Existing Risk Management Protocols › 3.4 Develop Risk Mitigation Strategies for Healthcare Data › 3.5 Implement Risk Management Best Practices in Health Informatics › 3.6 Monitor and Review Risk Management Effectiveness • 4 Implementation of Security Measures in Healthcare Technologies — 6 classes › 4.1 Assess Vulnerabilities in Healthcare Technologies › 4.2 Implement Access Control Measures in Health Systems › 4.3 Apply Data Encryption Techniques for Patient Information › 4.4 Develop Incident Response Plans for Security Breaches › 4.5 Conduct Employee Training on Information Security Practices › 4.6 Evaluate Compliance with ISO 27799 Standards • 5 Monitoring and Auditing for Compliance in Health IT — 6 classes › 5.1 Identify Key Compliance Standards in Health IT › 5.2 Explore the Role of Monitoring in Information Security › 5.3 Understand the Principles of Auditing Health IT Systems › 5.4 Implement Effective Monitoring Tools for Compliance › 5.5 Analyze Common Audit Findings in Health Informatics › 5.6 Develop Action Plans Based on Audit Outcomes
3 Leadership in Information Security 0 chapters 85 marks	

• 1 Understanding Regulatory Frameworks in Health IT — 6 classes

- › 1.1 Explore Key Regulatory Bodies in Health IT
- › 1.2 Identify Major Regulations Impacting Health Informatics
- › 1.3 Analyze Compliance Requirements for Health Data Security
- › 1.4 Discuss Consequences of Non-Compliance in Health IT
- › 1.5 Evaluate Strategies for Ensuring Regulatory Compliance
- › 1.6 Develop an Action Plan for Implementing Compliance Measures

• 2 Risk Management and Compliance in Health Informatics — 6 classes

- › 2.1 Identify Key Risks in Health Informatics
- › 2.2 Evaluate Regulatory Requirements for Health IT
- › 2.3 Analyze Risk Assessment Methodologies in Health Informatics
- › 2.4 Develop a Compliance Framework for Health IT
- › 2.5 Implement Risk Mitigation Strategies in Health Informatics
- › 2.6 Review and Update Compliance Policies in Health IT

• 3 Data Governance and Patient Privacy — 6 classes

- › 3.1 Understand the Principles of Data Governance in Health IT
- › 3.2 Identify Key Regulations Affecting Patient Privacy
- › 3.3 Analyze Data Handling Practices for Compliance
- › 3.4 Implement Strategies for Securing Patient Information
- › 3.5 Evaluate the Impact of Non-compliance on Patient Care
- › 3.6 Develop a Data Governance Strategy for Health Organizations

• 4 Audit and Accountability in Health IT Systems — 6 classes

- › 4.1 Identify Key Principles of Audit in Health IT Systems
- › 4.2 Analyze Regulatory Requirements for Accountability in Health IT
- › 4.3 Evaluate the Role of Audits in Enhancing Information Security
- › 4.4 Develop an Effective Audit Plan for Health IT Compliance
- › 4.5 Implement Tools for Monitoring Accountability in Health IT Systems
- › 4.6 Assess Audit Outcomes and Improve Compliance Strategies

• 5 Emerging Trends and Future of Regulatory Compliance in Health IT — 6 classes

- › 5.1 Analyze Emerging Regulatory Trends in Health IT
- › 5.2 Evaluate the Impact of Technology on Health IT Compliance
- › 5.3 Identify Key Stakeholders in Health IT Regulatory Compliance
- › 5.4 Assess Challenges in Implementing Compliance Frameworks
- › 5.5 Develop Strategies for Navigating Future Health IT Regulations
- › 5.6 Create an Action Plan for Enhancing Compliance Readiness