

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 31000IHT — Risk Management in Health Information Systems

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference IIT-IHT-31000IHT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IHT-31000IHT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Evaluation and Continuous Improvement 0 chapters 45 marks	
2 ISO 31000 Standards 0 chapters 65 marks	
3 Leadership in Risk Management 0 chapters 65 marks	
4 Risk Assessment Techniques 5 chapters · 24 classes 85 marks	
• 1 Fundamentals of Risk Assessment in Health Information Systems — 6 classes › 1.1 Define Key Concepts in Risk Assessment for Health Information Systems › 1.2 Identify Common Risks in Health Information Systems › 1.3 Analyze the Impact of Risks on Health Information Systems › 1.4 Evaluate Risk Assessment Methodologies in Health Information Systems › 1.5 Develop a Risk Assessment Framework for Health Information Systems › 1.6 Implement Risk Mitigation Strategies in Health Information Systems • 2 Identifying Risks in Health IT Environments — 6 classes › 2.1 Analyze Potential Risks in Health IT Environments › 2.2 Identify Common Vulnerabilities in Health Information Systems › 2.3 Assess Impact of Identified Risks on Patient Safety › 2.4 Evaluate Likelihood of Risk Occurrence in Health IT › 2.5 Prioritize Risks Based on Impact and Likelihood › 2.6 Develop Risk Mitigation Strategies for Health IT Challenges • 3 Qualitative Risk Analysis Techniques — 6 classes › 3.1 Identify Key Qualitative Risk Analysis Techniques › 3.2 Compare Strengths and Weaknesses of Qualitative Methods › 3.3 Apply Brainstorming to Identify Risks in Health Information Systems › 3.4 Utilize Expert Judgement in Risk Assessment Scenarios › 3.5 Develop Risk Rating Scales for Qualitative Analysis › 3.6 Create a Risk Assessment Report Based on Qualitative Findings	• 4 Quantitative Risk Assessment Methods — 6 classes › 4.1 Analyze Quantitative Risk Assessment Fundamentals › 4.2 Identify Key Metrics for Quantitative Risk Evaluation › 4.3 Apply Probability Distributions in Risk Analysis › 4.4 Calculate Expected Losses and Risk Exposure › 4.5 Utilize Monte Carlo Simulations for Risk Assessment › 4.6 Develop Risk Mitigation Strategies Based on Quantitative Results • 5 Developing Risk Mitigation Strategies for Health IT

• 1 Understanding Risk Management Frameworks in Health Information Systems — 6 classes

- › 1.1 Define Key Terminology in Risk Management Frameworks
- › 1.2 Identify Components of a Risk Management Framework
- › 1.3 Analyze the Role of Risk Management in Health Information Systems
- › 1.4 Evaluate Common Risk Assessment Techniques
- › 1.5 Explore Compliance Standards in Health Information Risk Management
- › 1.6 Apply Risk Mitigation Strategies in Health Information Systems

• 2 Identifying Risks in Health Information Technologies — 6 classes

- › 2.1 Analyze the Importance of Risk Identification in Health IT
- › 2.2 Define Common Risks Associated with Health Information Technologies
- › 2.3 Explore Methods for Identifying Risks in Health Information Systems
- › 2.4 Evaluate Real-World Examples of Risks in Health IT Applications
- › 2.5 Develop a Risk Assessment Framework for Health Information Technologies
- › 2.6 Create a Risk Mitigation Plan Based on Identified Risks

• 3 Assessing and Analyzing Risks in Health IT — 6 classes

- › 3.1 Identify Key Risk Areas in Health IT Systems
- › 3.2 Evaluate Potential Impact of Identified Risks
- › 3.3 Analyze Risk Likelihood Using Quantitative Methods
- › 3.4 Develop Risk Assessment Criteria for Health IT
- › 3.5 Prioritize Risks Based on Assessment Outcomes
- › 3.6 Create an Action Plan for Risk Mitigation in Health IT

• 4 Implementing Risk Mitigation Strategies in Health Information Systems — 6 classes

- › 4.1 Identify Key Risks in Health Information Systems
- › 4.2 Analyze the Impact of Risks on Health Information Management
- › 4.3 Develop Effective Risk Mitigation Strategies
- › 4.4 Implementing Risk Mitigation Plans in Health Information Systems
- › 4.5 Monitor and Review Risk Management Effectiveness
- › 4.6 Communicate Risk Mitigation Outcomes to Stakeholders

• 5 Monitoring and Reviewing Risk Management Practices in Health IT — 6 classes

- › 5.1 Assess Current Risk Management Practices in Health IT
- › 5.2 Identify Key Indicators for Monitoring Risks
- › 5.3 Implement a Risk Monitoring Framework in Health IT
- › 5.4 Analyze Risk Management Data for Continuous Improvement
- › 5.5 Review and Update Risk Management Policies Regularly
- › 5.6 Engage Stakeholders in Refining Risk Management Practices