

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 31000H — Risk Management in Health Information Systems

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference HL-HIT-31000H • ISO Health

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AT A GLANCE

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

CURRICULUM

1

Implementation of Risk Strategies

5 chapters · 30 classes 65 marks

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

› 1.1 Define Key Concepts in Risk Management for Health Information Systems

› 1.2 Identify Components of a Risk Management Framework

› 1.3 Analyze Risk Assessment Methods in Health Information Systems

› 1.4 Evaluate the Role of Stakeholders in Risk Management

› 1.5 Develop Effective Risk Mitigation Strategies for Health Information

› 1.6 Implement a Risk Management Plan in Health Information Systems

• 2 Identifying Risks: Techniques and Tools for Health IT — 6 classes

› 2.1 Analyze Current Risk Profiles in Health IT Systems

› 2.2 Identify Common Risks in Health Information Systems

› 2.3 Employ SWOT Analysis to Uncover Risks

› 2.4 Utilize Risk Assessment Frameworks in Health IT

› 2.5 Implement Scenario Planning to Anticipate Risks

› 2.6 Develop a Risk Register for Health IT Projects

• 3 Evaluating and Prioritizing Risks in Health Information Systems — 6 classes

› 3.1 Identify Common Risks in Health Information Systems

› 3.2 Analyze the Impact of Risks on Healthcare Delivery

› 3.3 Assess the Likelihood of Risk Occurrences

› 3.4 Develop a Risk Evaluation Matrix for Health Information Systems

› 3.5 Prioritize Risks Using a Risk Rating Scale

› 3.6 Formulate Action Plans for High-Priority Risks in Health Information Systems

• 4 Developing and Implementing Risk Mitigation Strategies — 6 classes

› 4.1 Identify Key Risks in Health Information Systems

› 4.2 Analyze Risk Impact and Likelihood

› 4.3 Develop Appropriate Risk Mitigation Options

› 4.4 Prioritize Risk Mitigation Strategies

› 4.5 Create an Action Plan for Risk Implementation

› 4.6 Evaluate the Effectiveness of Risk Mitigation Strategies

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

› 5.1 Identify Key Risk Management Metrics in Health IT

› 5.2 Analyze Current Risk Management Practices

› 5.3 Evaluate the Effectiveness of Risk Mitigation Strategies

› 5.4 Implement Continuous Monitoring Techniques

› 5.5 Review Incident Reports for Risk Trends

› 5.6 Develop Action Plans for Risk Management Improvements

• 1 Fundamentals of Risk Management in Health Information Systems — 6 classes

- › 1.1 Define Key Concepts in Risk Management for Health Information Systems
- › 1.2 Identify Common Risks in Health Information Systems
- › 1.3 Analyze the Impact of Risks on Health Information Delivery
- › 1.4 Evaluate Existing Risk Management Frameworks in Healthcare
- › 1.5 Develop Effective Risk Mitigation Strategies for Health Information Systems
- › 1.6 Implement a Risk Management Plan in Health Information Systems

• 2 Identifying and Assessing Risks in Health IT — 6 classes

- › 2.1 Define Key Concepts in Health IT Risk Management
- › 2.2 Identify Common Risks in Health Information Systems
- › 2.3 Analyze the Impact of Identified Risks on Health IT
- › 2.4 Assess Likelihood and Severity of Risks in Health IT
- › 2.5 Develop a Risk Assessment Framework for Health IT
- › 2.6 Create a Risk Mitigation Plan for Health Information Systems

• 3 Developing Risk Mitigation Strategies — 6 classes

- › 3.1 Identify Key Risks in Health Information Systems
- › 3.2 Analyze the Impact of Risks on Health Information Operations
- › 3.3 Develop Risk Mitigation Frameworks for Healthcare Settings
- › 3.4 Implement Risk Mitigation Strategies in Health Information Systems
- › 3.5 Monitor and Review the Effectiveness of Mitigation Strategies
- › 3.6 Communicate Risk Mitigation Plans to Stakeholders in Healthcare

• 4 Implementing Leadership in Risk Management — 6 classes

- › 4.1 Assess Leadership Styles in Risk Management
- › 4.2 Identify Key Stakeholders in Health Information Systems
- › 4.3 Develop Effective Communication Strategies for Risk Management
- › 4.4 Implement Risk Assessment Frameworks in Health Settings
- › 4.5 Facilitate Collaborative Decision-Making Processes
- › 4.6 Evaluate the Impact of Leadership on Risk Management Outcomes

• 5 Evaluating and Improving Risk Management Practices — 6 classes

- › 5.1 Assess Current Risk Management Practices
- › 5.2 Identify Key Performance Indicators for Risk Management
- › 5.3 Conduct a Risk Management Gap Analysis
- › 5.4 Develop Strategies for Enhancing Risk Management
- › 5.5 Implement Feedback Mechanisms for Continuous Improvement
- › 5.6 Evaluate the Effectiveness of Risk Management Enhancements

• 1 Understanding Monitoring and Evaluation Concepts in Health IT — 6 classes

- › 1.1 Define Key Concepts in Monitoring and Evaluation for Health IT
- › 1.2 Identify the Importance of Monitoring and Evaluation in Health Information Systems
- › 1.3 Explore Different Approaches to Monitoring in Health IT
- › 1.4 Analyze Evaluation Techniques Specific to Health Information Systems
- › 1.5 Develop Critical Monitoring Indicators for Health IT Projects
- › 1.6 Apply Monitoring and Evaluation Frameworks to Real-World Health IT Scenarios

• 2 Developing Effective M&E Frameworks for Health Information Systems — 6 classes

- › 2.1 Identify Key Components of M&E Frameworks for Health Information Systems
- › 2.2 Define Objectives and Indicators for Effective Monitoring and Evaluation
- › 2.3 Analyze Data Sources and Collection Methods for Health Information Systems
- › 2.4 Design Evaluation Processes to Assess Effectiveness in Health Outcomes
- › 2.5 Develop Mechanisms for Data Analysis and Interpretation in M&E Frameworks
- › 2.6 Create Action Plans Based on M&E Findings to Improve Health Information Systems

• 3 Data Collection Methods and Tools for M&E in Health IT — 6 classes

- › 3.1 Identify Key Data Collection Methods for Health IT M&E
- › 3.2 Compare Quantitative and Qualitative Data Collection Techniques
- › 3.3 Evaluate the Effectiveness of Data Collection Tools in Health IT
- › 3.4 Develop a Data Collection Plan for Health Information Systems
- › 3.5 Implement Ethical Considerations in Health Data Collection
- › 3.6 Analyze Collected Data to Inform Health IT Interventions

• 4 Analyzing M&E Data to Improve Health IT Outcomes — 6 classes

- › 4.1 Identify Key M&E Data Indicators for Health IT
- › 4.2 Collecting and Organizing M&E Data Effectively
- › 4.3 Analyzing M&E Data Patterns in Health IT Outcomes
- › 4.4 Interpreting M&E Data to Identify Improvement Areas
- › 4.5 Developing Action Plans Based on M&E Insights
- › 4.6 Presenting M&E Findings to Stakeholders for Impact

• 5 Reporting Findings and Driving Strategic Decisions in Health IT — 6 classes

- › 5.1 Analyze Key Metrics in Health IT Reporting
- › 5.2 Interpret Data Findings for Strategic Insights
- › 5.3 Communicate Results Effectively to Stakeholders
- › 5.4 Align Reporting Practices with ISO 31000 Principles
- › 5.5 Develop Actionable Recommendations from Reports
- › 5.6 Evaluate the Impact of Decisions on Health IT Systems

• 1 Introduction to Risk Assessment in Health Information Systems

— 6 classes

- › 1.1 Define Key Concepts of Risk Assessment in Health Information Systems
- › 1.2 Identify Common Risks Associated with Health Information Systems
- › 1.3 Explore Risk Assessment Models Used in Healthcare Settings
- › 1.4 Analyze the Impact of Risks on Health Information System Integrity
- › 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 the Health IT Environment for Potential Risks
- › 2.2 Identify Common Threats to Health Information Systems
- › 2.3 Assess Vulnerability Factors in Health IT Deployments
- › 2.4 Evaluate the Impact of Identified Risks on Patient Safety
- › 2.5 Prioritize Risks Based on Likelihood and Severity
- › 2.6 Implement Strategies for Risk Mitigation and Response

• 3 Qualitative Risk Assessment Techniques — 6 classes

- › 3.1 Explain Qualitative Risk Assessment Techniques
- › 3.2 Identify Key Components of Qualitative Risk Assessment
- › 3.3 Analyze Case Studies of Qualitative Risk Assessments in Health Systems
- › 3.4 Apply Qualitative Risk Assessment Methods to Real-World Scenarios
- › 3.5 Evaluate the Effectiveness of Qualitative Risk Assessment Techniques
- › 3.6 Develop a Qualitative Risk Assessment Plan for Health Information Systems

• 4 Quantitative Risk Assessment Methods — 6 classes

- › 4.1 Identify Key Components of Quantitative Risk Assessment
- › 4.2 Analyze Data Collection Methods for Risk Analysis
- › 4.3 Apply Statistical Metrics to Evaluate Risks
- › 4.4 Utilize Risk Assessment Models in Health Information Systems
- › 4.5 Interpret Results from Quantitative Risk Assessments
- › 4.6 Develop Action Plans Based on Quantitative Risk Findings

• 5 Integrating Risk Assessment into Health IT Governance — 6 classes

- › 5.1 Define Key Concepts in Health IT Governance
- › 5.2 Identify Risk Assessment Techniques Used in Health Information Systems
- › 5.3 Analyze the Importance of Integrating Risk Assessment into Health IT Governance
- › 5.4 Evaluate Existing Risk Assessment Processes in Health Organizations
- › 5.5 Develop a Framework for Integrating Risk Assessment into Governance Structures
- › 5.6 Implement Risk Assessment Findings into Health IT Decision-Making

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

- › 1.1 Define Key Risk Management Concepts in Health Information Systems
- › 1.2 Identify Sources of Risk in Health Information Systems
- › 1.3 Analyze the Impact of Risks on Health Information Systems
- › 1.4 Explore Risk Assessment Techniques for Health Information Systems
- › 1.5 Develop Risk Mitigation Strategies for Health Information Systems
- › 1.6 Implement a Risk Management Framework in Health Information Systems

• 2 Identifying and Assessing Risks in Health IT Environments — 6 classes

- › 2.1 Define Risk in Health IT Environments
- › 2.2 Identify Common Risks in Health Information Systems
- › 2.3 Analyze the Impact of Risks on Health IT Operations
- › 2.4 Evaluate the Likelihood of Identified Risks Occurring
- › 2.5 Prioritize Risks Based on Impact and Likelihood
- › 2.6 Develop a Risk Assessment Report for Health IT Systems

• 3 Developing and Implementing Risk Mitigation Strategies — 6 classes

- › 3.1 Identify Key Risks in Health Information Systems
- › 3.2 Analyze the Impact of Identified Risks
- › 3.3 Develop Targeted Mitigation Strategies
- › 3.4 Prioritize Mitigation Strategies Based on Impact and Feasibility
- › 3.5 Implement Risk Mitigation Strategies in Health Information Systems
- › 3.6 Evaluate the Effectiveness of Mitigation Strategies

• 4 Monitoring and Reviewing Risk Management Processes — 6 classes

- › 4.1 Define Key Metrics for Risk Monitoring
- › 4.2 Identify Sources of Risk Data in Health Information Systems
- › 4.3 Analyze Risk Data to Evaluate Process Effectiveness
- › 4.4 Develop a Monitoring Schedule for Risk Management Activities
- › 4.5 Implement Review Mechanisms for Continuous Improvement
- › 4.6 Communicate Risk Findings to Stakeholders Effectively

• 5 Integrating Risk Management into Health Information System Leadership — 6 classes

- › 5.1 Define Key Concepts in Risk Management for Health Information Systems
- › 5.2 Identify Common Risks in Health Information Systems and Their Impacts
- › 5.3 Explore the ISO 31000H Standards for Risk Management in Healthcare
- › 5.4 Develop a Risk Assessment Framework for Health Information Systems
- › 5.5 Create Action Plans for Mitigating Identified Risks in Health Information Systems
- › 5.6 Evaluate the Effectiveness of Risk Management Practices in Health Information Systems

• 1 Understanding Risk: Fundamentals of Risk Management in Health IT — 6 classes

- › 1.1 Define Key Concepts of Risk in Health IT
- › 1.2 Analyze Types of Risks in Health Information Systems
- › 1.3 Explore the Importance of Risk Assessment Techniques
- › 1.4 Identify Stakeholders in Health IT Risk Management
- › 1.5 Implement Strategies for Effective Risk Mitigation
- › 1.6 Evaluate Real-World Case Studies of Risk Management in Health IT

• 2 Identifying and Assessing Risks in Health Information Systems — 6 classes

- › 2.1 Define Key Concepts in Risk Management for Health Information Systems
- › 2.2 Identify Types of Risks Unique to Health Information Systems
- › 2.3 Analyze the Impact of Identified Risks on Healthcare Outcomes
- › 2.4 Assess the Likelihood of Risks in Health Information Systems
- › 2.5 Develop a Framework for Prioritizing Risks in Health Information Systems
- › 2.6 Create an Action Plan for Mitigating Identified Risks

• 3 Developing Mitigation Strategies for Health IT Risks — 6 classes

- › 3.1 Identify Key Health IT Risks and Vulnerabilities
- › 3.2 Analyze the Impact of Health IT Risks on Operations
- › 3.3 Assess Risk Tolerance Levels in Health Information Systems
- › 3.4 Develop Effective Mitigation Strategies for Identified Risks
- › 3.5 Implement Risk Mitigation Plans in Health IT Environments
- › 3.6 Evaluate and Revise Mitigation Strategies for Continuous Improvement

• 4 Integrating ISO 31000H Principles into Health IT Policies — 6 classes

- › 4.1 Identifying ISO 31000H Principles Relevant to Health IT
- › 4.2 Assessing Current Health IT Policies Against ISO 31000H Standards
- › 4.3 Developing a Risk Management Framework Specific to Health Information Systems
- › 4.4 Engaging Stakeholders in Integrating ISO31000H Principles
- › 4.5 Establishing Key Performance Indicators for Risk Management in Health IT
- › 4.6 Implementing Continuous Improvement Practices in Health IT Risk Management

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

- › 5.1 Assess Current Risk Management Practices in Health IT
- › 5.2 Develop Key Performance Indicators for Risk Monitoring
- › 5.3 Analyze Data to Identify Emerging Risks in Health Information Systems
- › 5.4 Create a Comprehensive Review Process for Risk Management Strategies
- › 5.5 Design Effective Communication Plans for Stakeholder Engagement
- › 5.6 Implement Continuous Improvement Measures for Risk Management