

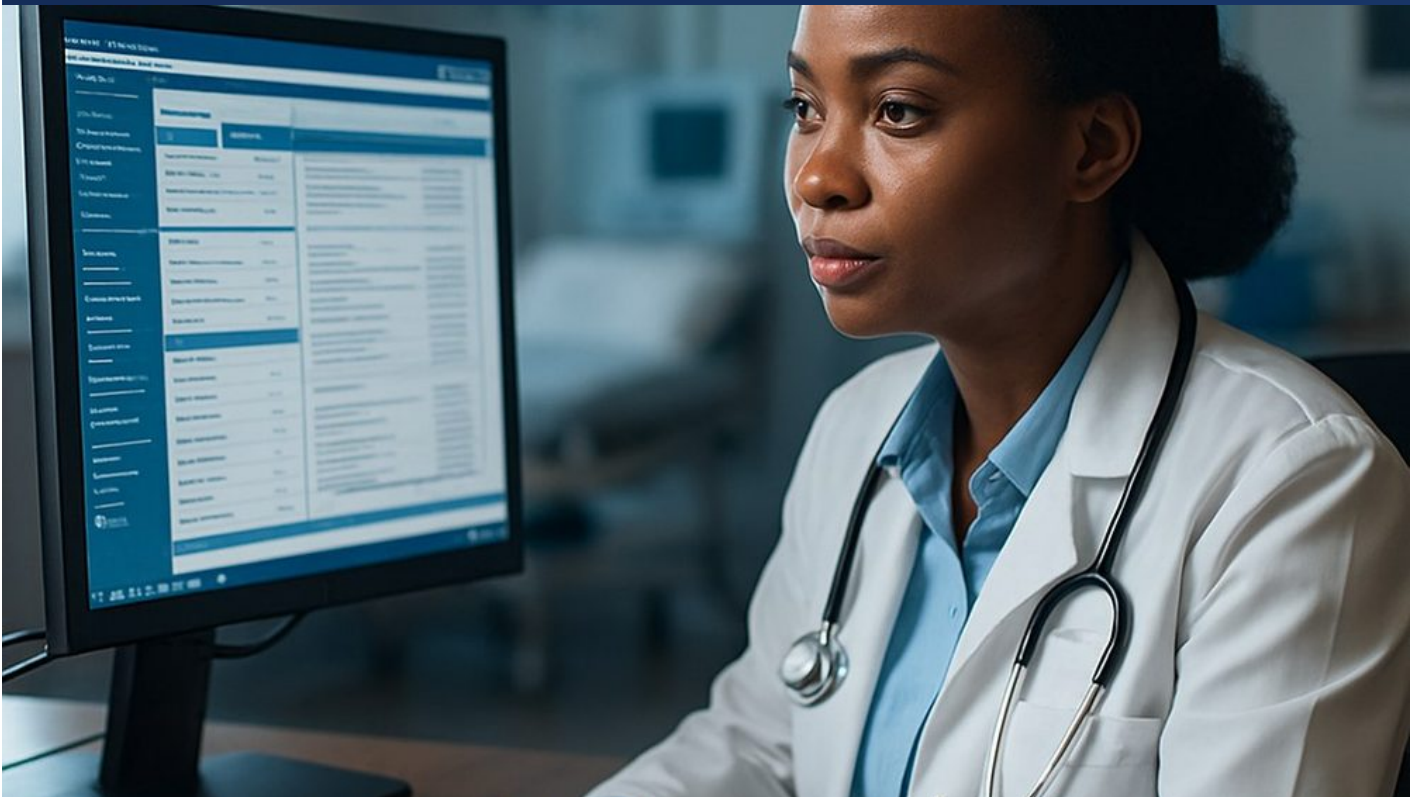
LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 10781IHT — Health Informatics HL7 Electronic Health Records

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference IIT-IHT-10781IHT • ISO IT & Related Technologies

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IHT-10781IHT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Data Management and Analytics

0 chapters65 marks

2

Electronic Health Record Standards

5 chapters · 24 classes65 marks

• 1 Foundations of Electronic Health Record Standards — 6 classes

› 1.1 Define Key Concepts in Electronic Health Records

› 1.2 Explore the Historical Context of Electronic Health Record Standards

› 1.3 Identify Current ISO Standards Related to Health Informatics

› 1.4 Analyze the Impact of HL7 on Health Information Exchange

› 1.5 Evaluate the Role of Stakeholders in EHR Implementation

› 1.6 Apply Best Practices for Adopting Electronic Health Record Standards

• 2 Regulatory Framework and Compliance in Health Informatics — 6 classes

› 2.1 Identify Key Regulatory Frameworks in Health Informatics

› 2.2 Explore Compliance Standards for Electronic Health Records

› 2.3 Analyze the Impact of GDPR on Health Informatics

› 2.4 Assess the Importance of Interoperability in EHR Compliance

› 2.5 Evaluate Best Practices for Ensuring Regulatory Compliance

› 2.6 Develop a Compliance Action Plan for Health Informatics

• 3 Data Interoperability in Electronic Health Records — 6 classes

› 3.1 Define Data Interoperability and its Importance in Health Records

› 3.2 Identify Standards and Protocols for Health Data Sharing

› 3.3 Examine the Role of HL7 in Electronic Health Record Interoperability

› 3.4 Analyze Case Studies of Interoperable Health Record Systems

› 3.5 Discuss Challenges and Solutions in Achieving Data Interoperability

› 3.6 Develop a Plan for Implementing Interoperability Standards in Practice

• 4 Implementation Challenges of EHR Standards — 6 classes

› 4.1 Identify Key Implementation Challenges in EHR Standards

› 4.2 Analyze Barriers to Effective EHR Standard Adoption

› 4.3 Discuss Stakeholder Perspectives on EHR Implementation

› 4.4 Explore Solutions for Overcoming EHR Implementation Issues

› 4.5 Evaluate Case Studies of Successful EHR Implementations

› 4.6 Develop a Strategic Plan for EHR Standard Implementation

• 5 Future Trends and Innovations in EHR Standards

• 1 Introduction to Health Informatics Principles — 6 classes

- › 1.1 Define Health Informatics and Its Importance
- › 1.2 Identify Key Components of Electronic Health Records
- › 1.3 Explore Data Standards in Health Informatics
- › 1.4 Analyze the Role of HL7 in Health Information Exchange
- › 1.5 Evaluate Ethical Considerations in Health Informatics
- › 1.6 Implement Basic Health Informatics Tools and Resources

• 2 Understanding Electronic Health Records (EHR) Systems — 6 classes

- › 2.1 Define Electronic Health Records and Their Importance
- › 2.2 Explore the Components of EHR Systems
- › 2.3 Examine Benefits and Challenges of EHR Implementation
- › 2.4 Analyze Legal and Ethical Considerations in EHR Usage
- › 2.5 Discuss Standards and Interoperability in Health Informatics
- › 2.6 Apply Best Practices for EHR System Adoption in Healthcare Settings

• 3 Health Data Standards and Interoperability — 6 classes

- › 3.1 Explore Health Data Standards and Their Importance
- › 3.2 Define Key Concepts of Interoperability in Health Informatics
- › 3.3 Analyze Major Health Data Standards Used in Electronic Health Records
- › 3.4 Identify Challenges to Achieving Interoperability in Healthcare Systems
- › 3.5 Examine Case Studies of Successful Interoperability Implementations
- › 3.6 Develop a Plan for Improving Interoperability in Your Health Organization

• 4 Data Governance and Privacy in Health Informatics — 6 classes

- › 4.1 Identify Key Principles of Data Governance in Health Informatics
- › 4.2 Understand Legal and Ethical Considerations in Health Data Privacy
- › 4.3 Analyze Data Management Practices to Ensure Compliance
- › 4.4 Evaluate the Role of Stakeholders in Data Governance Frameworks
- › 4.5 Implement Strategies for Protecting Patient Privacy in Electronic Health Records
- › 4.6 Create a Data Governance Plan for Health Informatics Applications

• 5 Future Trends in Health Informatics and Leadership Strategies — 6 classes

- › 5.1 Explore Emerging Technologies in Health Informatics
- › 5.2 Analyze the Impact of AI on Health Care Delivery Models
- › 5.3 Evaluate Data Security and Privacy Challenges in EHRs
- › 5.4 Discuss Leadership Roles in Adaptation to New Trends
- › 5.5 Develop Strategies for Implementing Innovative Informatics Solutions
- › 5.6 Create a Roadmap for Future Health Informatics Leadership