

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27001IOT — Information Security Applied to IoT

ISO Certification Programme



LAPT — London Academy of Professional Training

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

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	IIT-IOT-27001IOT
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1 Compliance and Audit Processes 0 chapters45 marks	
2 IoT Security Fundamentals 5 chapters · 18 classes85 marks • 1 Understanding IoT Security Threats and Vulnerabilities — 6 classes › 1.1 Define and Categorize IoT Security Threats › 1.2 Identify Common Vulnerabilities in IoT Devices › 1.3 Analyze Real-World IoT Security Breaches › 1.4 Assess the Impact of IoT Threats on Organizations › 1.5 Explore Mitigation Strategies for IoT Vulnerabilities › 1.6 Develop a Response Plan for IoT Security Incidents • 2 Fundamental Principles of Information Security in IoT — 6 classes › 2.1 Define Key Concepts of Information Security in IoT › 2.2 Identify Common Threats to IoT Security › 2.3 Explore Principles of Confidentiality, Integrity, and Availability in IoT › 2.4 Assess Risk Management Strategies for IoT Environments › 2.5 Develop an IoT Security Framework Using ISO 27001 Guidelines › 2.6 Implement Best Practices for Securing IoT Devices and Networks • 3 Risk Assessment and Management in IoT Environments — 6 classes › 3.1 Identify Key Risks in IoT Environments › 3.2 Conduct IoT Threat Analysis › 3.3 Evaluate Vulnerabilities in IoT Devices › 3.4 Measure Impact of IoT Security Breaches › 3.5 Develop a Risk Management Strategy for IoT › 3.6 Implement Mitigation Measures for IoT Risks • 4 Implementing Security Controls for IoT Devices • 5 Compliance and Governance in IoT Security Frameworks	
3 ISO 27001 Standards Application 0 chapters105 marks	
4 Leadership and Team Dynamics 0 chapters45 marks	

5

Risk Management for IoT

0 chapters

65 marks

6

Strategic Security Planning

0 chapters

85 marks