

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 27001PCR — Information Security Management

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference SSR-PCR-27001PCR • ISO Security Safety & Risk

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AT A GLANCE

REFERENCE	SSR-PCR-27001PCR
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 Legal Considerations

5 chapters · 30 classes 65 marks

• 1 Understanding Legal Frameworks for Information Security — 6 classes

› 1.1 Explore Key Legal Principles for Information Security

› 1.2 Identify Relevant Information Security Legislation

› 1.3 Analyze the Role of Data Protection Regulations

› 1.4 Discuss Implications of Non-Compliance in Information Security

› 1.5 Evaluate Case Studies of Legal Framework Applications

› 1.6 Implement Best Practices for Legal Compliance in ISMS

• 2 Analyzing ISO 27001 Requirements and Compliance — 6 classes

› 2.1 Identify Key Components of ISO 27001 Requirements

› 2.2 Evaluate Risk Assessment Procedures in ISO 27001

› 2.3 Analyze Compliance Obligations Under ISO 27001 Standards

› 2.4 Examine the Role of Information Security Policies in ISO 27001

› 2.5 Assess the Importance of Regular Audits for ISO 27001 Compliance

› 2.6 Develop an Action Plan for Implementing ISO 27001 Requirements

• 3 Risk Management and Legal Considerations in ISO 27001 — 6 classes

› 3.1 Identify Key Legal Obligations in Information Security Management

› 3.2 Analyze Risks and Impacts Related to ISO 27001 Compliance

› 3.3 Evaluate the Role of Risk Assessment in ISO 27001 Implementation

› 3.4 Develop a Risk Treatment Plan in Compliance with Legal Standards

› 3.5 Create an Incident Response Plan Addressing Legal and Compliance Issues

› 3.6 Review and Update Risk Management Strategies for Ongoing Compliance

• 4 Developing Policies and Procedures for Compliance — 6 classes

› 4.1 Identify Key Compliance Requirements for ISO 27001PCR

› 4.2 Analyze Existing Policies and Gaps in Compliance

› 4.3 Develop Effective Information Security Policies

› 4.4 Create Procedures for Policy Implementation and Monitoring

› 4.5 Establish Roles and Responsibilities for Compliance Oversight

› 4.6 Evaluate and Review Policies for Continuous Improvement

• 5 Auditing and Continuous Improvement in Compliance Processes — 6 classes

› 5.1 Identify Key Components of Compliance Auditing

› 5.2 Analyze Regulatory Requirements Impacting Audits

› 5.3 Develop Effective Audit Strategies for Compliance

› 5.4 Implement Tools for Effective Audit Evidence Collection

› 5.5 Evaluate Findings and Recommend Improvements

› 5.6 Create a Continuous Improvement Plan for Compliance Processes

• 1 Understanding Continuous Improvement in Information Security Management — 6 classes

- › 1.1 Define Continuous Improvement in Information Security Management
- › 1.2 Identify Key Principles of Continuous Improvement Frameworks
- › 1.3 Explore the Role of Auditing in Continuous Improvement
- › 1.4 Analyze Case Studies of Successful Continuous Improvement Initiatives
- › 1.5 Develop Continuous Improvement Action Plans for Information Security
- › 1.6 Assess the Impact of Continuous Improvement on Security Management Practices

• 2 Key Techniques for Auditing Information Security Processes — 6 classes

- › 2.1 Identify Key Audit Objectives for Information Security
- › 2.2 Analyze Risks and Opportunities in Security Processes
- › 2.3 Develop Effective Audit Checklists and Questionnaires
- › 2.4 Implement Sampling Techniques for Audit Evidence Collection
- › 2.5 Evaluate Audit Findings and Develop Recommendations
- › 2.6 Create a Continuous Improvement Plan Based on Audit Results

• 3 Establishing Metrics and Performance Indicators for Security Improvement — 6 classes

- › 3.1 Define Key Metrics for Information Security Performance
- › 3.2 Identify Relevant Performance Indicators for Continuous Improvement
- › 3.3 Develop a Framework for Measuring Security Effectiveness
- › 3.4 Analyze Data Collection Methods for Security Metrics
- › 3.5 Implement Monitoring Processes for Performance Indicators
- › 3.6 Evaluate and Adjust Metrics Based on Security Audits

• 4 Conducting Effective Internal Audits in ISO 27001 Framework — 6 classes

- › 4.1 Identify the Purpose and Scope of Internal Audits in ISO 27001
- › 4.2 Develop an Internal Audit Plan Aligned with ISO 27001 Requirements
- › 4.3 Implement Effective Auditing Techniques for Information Security
- › 4.4 Engage Stakeholders to Enhance Internal Audit Participation
- › 4.5 Analyze Audit Findings and Identify Areas for Improvement
- › 4.6 Establish Follow-Up Processes to Ensure Continuous Improvement

• 5 Leveraging Audit Findings for Strategic Improvement — 6 classes

- › 5.1 Analyze Audit Findings to Identify Improvement Opportunities
- › 5.2 Prioritize Audit Findings for Strategic Impact
- › 5.3 Develop Action Plans based on Audit Insights
- › 5.4 Implement Changes: Best Practices for Continuous Improvement
- › 5.5 Measure Success: Evaluating the Impact of Improvements
- › 5.6 Communicate Audit Outcomes to Stakeholders Effectively

• 1 Understanding the ISO 27001 Framework and ISMS Principles — 6 classes

- › 1.1 Explore the ISO 27001 Framework Overview
- › 1.2 Identify Key Components of an Information Security Management System (ISMS)
- › 1.3 Analyze the Importance of Risk Assessment in ISO 27001
- › 1.4 Understand the Roles and Responsibilities in ISMS Implementation
- › 1.5 Apply the Principles of Continuous Improvement to ISMS
- › 1.6 Develop an Action Plan for ISO 27001 Compliance

• 2 Risk Assessment and Management in Information Security — 6 classes

- › 2.1 Define Key Concepts in Risk Assessment for ISMS
- › 2.2 Identify Potential Risks in Information Security
- › 2.3 Evaluate the Impact and Likelihood of Identified Risks
- › 2.4 Develop Risk Mitigation Strategies in Information Security
- › 2.5 Implement a Risk Management Action Plan
- › 2.6 Monitor and Review Risks Effectively in an ISMS

• 3 Developing an Information Security Policy and Objectives — 6 classes

- › 3.1 Identify Key Components of an Information Security Policy
- › 3.2 Assess Organizational Context for Security Objectives
- › 3.3 Develop Measurable Information Security Objectives
- › 3.4 Align Information Security Policy with Business Goals
- › 3.5 Communicate the Information Security Policy Effectively
- › 3.6 Evaluate and Revise Security Objectives Periodically

• 4 Implementing Controls and Security Measures — 6 classes

- › 4.1 Identify Essential Security Controls for ISMS Implementation
- › 4.2 Assess Risks to Determine Appropriate Security Measures
- › 4.3 Develop Policies and Procedures for Security Control Implementation
- › 4.4 Train Staff on Security Controls and ISMS Procedures
- › 4.5 Monitor and Review the Effectiveness of Implemented Controls
- › 4.6 Adjust Security Measures Based on Monitoring Outcomes and Feedback

• 5 Monitoring, Reviewing, and Continuous Improvement of the ISMS — 6 classes

- › 5.1 Define Key Performance Indicators for ISMS Monitoring
- › 5.2 Conduct Internal Audits of the ISMS
- › 5.3 Analyze Audit Results to Identify Improvement Areas
- › 5.4 Implement Corrective Actions for ISMS Deficiencies
- › 5.5 Review and Update ISMS Policies Based on Findings
- › 5.6 Foster a Culture of Continuous Improvement in Information Security

• 1 Understanding ISO 27001: The Framework of Information Security Management — 6 classes

- › 1.1 Define Key Concepts in Information Security Management
- › 1.2 Explore the Structure of ISO 27001 Standards
- › 1.3 Identify the Benefits of Implementing ISO 27001
- › 1.4 Analyze the Requirements for Information Security Policies
- › 1.5 Examine the Role of Risk Assessment in ISO 27001
- › 1.6 Develop an Action Plan for ISO 27001 Implementation

• 2 Core Principles of Information Security: Confidentiality, Integrity, and Availability (CIA) — 6 classes

- › 2.1 Define and Explore the Concept of Confidentiality in Information Security
- › 2.2 Investigate Techniques to Maintain Data Integrity
- › 2.3 Analyze the Importance of Availability in Information Systems
- › 2.4 Discuss the Interrelationship Between Confidentiality, Integrity, and Availability
- › 2.5 Implement Best Practices for Enhancing Information Security Using the CIA Triad
- › 2.6 Evaluate Real-world Scenarios to Apply the CIA Principles Effectively

• 3 Risk Management in ISO 27001: Identifying and Evaluating Risks — 6 classes

- › 3.1 Understand the Importance of Risk Management in ISO 27001
- › 3.2 Identify Common Types of Information Security Risks
- › 3.3 Conduct a Risk Assessment: Tools and Techniques
- › 3.4 Evaluate the Impact and Likelihood of Identified Risks
- › 3.5 Develop Risk Treatment Options for Managing Risks
- › 3.6 Communicate and Monitor Risks in an ISO 27001 Framework

• 4 Implementing Controls: The Annex A Structure and Beyond — 6 classes

- › 4.1 Understand the Structure of Annex A Controls
- › 4.2 Identify Key Control Categories in ISO 27001
- › 4.3 Assess Organizational Risks for Control Selection
- › 4.4 Implement Essential Security Controls Effectively
- › 4.5 Evaluate Control Performance and Effectiveness
- › 4.6 Develop a Continuous Improvement Plan for Controls

• 5 Continuous Improvement and Audit of the ISMS: Ensuring Compliance and Effectiveness — 6 classes

- › 5.1 Identify Key Components of Continuous Improvement in ISMS
- › 5.2 Analyze the ISO 27001 Audit Process for Compliance
- › 5.3 Evaluate Effectiveness of Current ISMS Practices
- › 5.4 Develop an Action Plan for ISMS Enhancement
- › 5.5 Implement Audit Findings for Continuous Improvement
- › 5.6 Review and Reflect on ISMS Adaptations and Successes

• 1 Understanding Leadership Roles in Information Security Management — 6 classes

- › 1.1 Define Key Leadership Roles in Information Security Management
- › 1.2 Analyze Leadership Styles and Their Impact on Security Governance
- › 1.3 Explore the Responsibilities of Information Security Leaders
- › 1.4 Identify Best Practices for Building a Security-Centric Culture
- › 1.5 Develop Communication Strategies for Engaging Stakeholders
- › 1.6 Apply Leadership Principles to Real-World Security Scenarios

• 2 Establishing a Security Culture and Governance Framework — 6 classes

- › 2.1 Define Security Culture and Its Importance in Organizations
- › 2.2 Identify Key Elements of an Effective Governance Framework
- › 2.3 Assess the Current Security Culture within Your Organization
- › 2.4 Develop Strategies to Enhance Security Awareness Among Employees
- › 2.5 Implement Governance Structures to Support Information Security
- › 2.6 Measure and Evaluate the Effectiveness of Security Governance Initiatives

• 3 Risk Assessment and Management Strategies for Leaders — 6 classes

- › 3.1 Understand the Fundamentals of Risk in Information Security
- › 3.2 Identify and Evaluate Security Risks Within Your Organization
- › 3.3 Develop Effective Risk Management Frameworks for Leadership
- › 3.4 Prioritize Risks Based on Impact and Likelihood
- › 3.5 Implement Risk Mitigation Strategies to Enhance Security
- › 3.6 Monitor and Review Risk Management Strategies for Continuous Improvement

• 4 Developing Effective Communication and Training Programs — 6 classes

- › 4.1 Assess Communication Needs for Information Security
- › 4.2 Design Engaging Training Modules for Security Awareness
- › 4.3 Implement Feedback Mechanisms to Improve Communication
- › 4.4 Utilize Digital Tools to Enhance Information Security Training
- › 4.5 Evaluate Training Program Effectiveness and Outcomes
- › 4.6 Cultivate a Culture of Continuous Learning in Security Practices

• 5 Monitoring, Auditing, and Continuous Improvement in Information Security — 6 classes

- › 5.1 Identify Key Components of Monitoring in Information Security
- › 5.2 Explore Effective Auditing Techniques for Security Compliance
- › 5.3 Analyze the Role of Leadership in Security Monitoring Practices
- › 5.4 Develop a Continuous Improvement Plan for Information Security
- › 5.5 Implement Metrics for Measuring Security Audit Effectiveness
- › 5.6 Create an Action Plan for Regular Review and Adaptation of Security Policies

• 1 Understanding Risk Management Fundamentals — 6 classes

- › 1.1 Define Key Concepts in Risk Management
- › 1.2 Identify Types of Risks in Information Security
- › 1.3 Analyze the Risk Management Process and Its Phases
- › 1.4 Evaluate Risk Assessment Techniques for Information Security
- › 1.5 Develop Risk Mitigation Strategies for Identified Risks
- › 1.6 Implement a Risk Monitoring and Review Plan

• 2 Identifying and Assessing Risks in Information Security — 6 classes

- › 2.1 Define Information Security Risks and Their Implications
- › 2.2 Identify Common Threats to Information Security
- › 2.3 Assess the Impact of Information Security Risks
- › 2.4 Evaluate Likelihood and Vulnerability in Risk Scenarios
- › 2.5 Conduct a Risk Assessment Workshop
- › 2.6 Develop a Risk Mitigation Plan Based on Assessment Findings

• 3 Developing Effective Risk Mitigation Strategies — 6 classes

- › 3.1 Identify Key Risks in Information Security Management
- › 3.2 Analyze Risk Impact and Likelihood for Effective Assessment
- › 3.3 Develop Tailored Risk Mitigation Strategies for Vulnerabilities
- › 3.4 Implement Risk Control Measures and Best Practices
- › 3.5 Monitor and Review Risk Mitigation Strategies for Continuous Improvement
- › 3.6 Communicate Risk Management Plans to Stakeholders Effectively

• 4 Monitoring and Reviewing Risk Management Processes — 6 classes

- › 4.1 Define Key Metrics for Monitoring Risk Management Effectiveness
- › 4.2 Establish a Framework for Regular Risk Assessment Reviews
- › 4.3 Analyze Data Sources for Comprehensive Risk Monitoring
- › 4.4 Implement Tools and Technologies for Risk Management Tracking
- › 4.5 Develop Action Plans Based on Review Findings
- › 4.6 Communicate Risk Management Insights to Stakeholders Effectively

• 5 Integrating Risk Management into Leadership Practices — 6 classes

- › 5.1 Identify Key Components of Risk Management in Leadership
- › 5.2 Assess the Impact of Risk on Organizational Goals
- › 5.3 Develop Risk Assessment Frameworks for Decision Making
- › 5.4 Integrate Risk Management into Strategic Planning Processes
- › 5.5 Communicate Risk Management Strategies Effectively to Stakeholders
- › 5.6 Evaluate the Effectiveness of Risk Management Practices in Leadership