

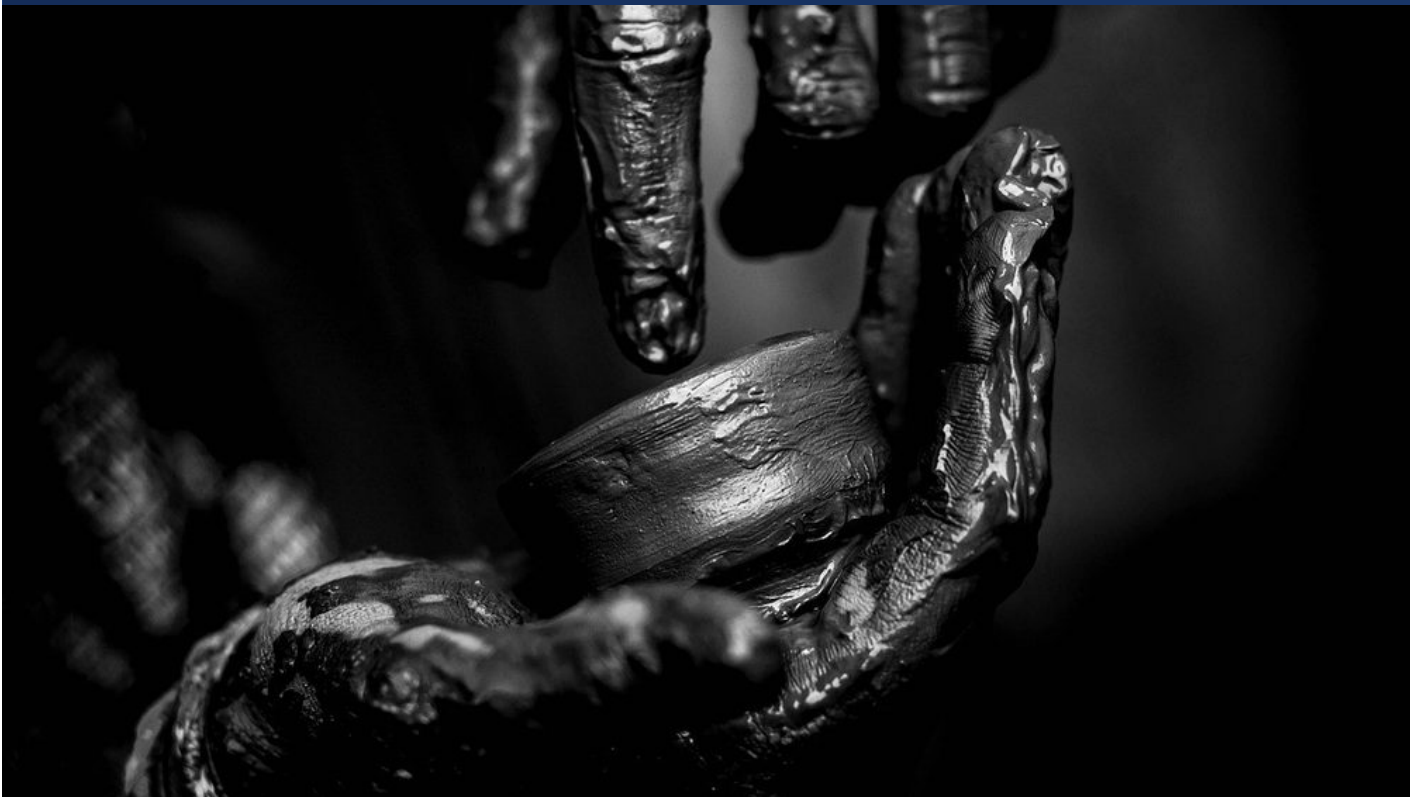
LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 9241BAC — Ergonomics of Human-System Interaction

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-BAC-9241BAC • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

AT A GLANCE

REFERENCE	BLD-BAC-9241BAC
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO BLD Foundation

7 chapters · 42 classes100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

› Understanding the Organisation in ISO 9241BAC Context

› Identifying Interested Parties in Human-System Interaction

› Defining the Scope of ISO 9241BAC Implementation

› Examining Management System Boundaries in ISO 9241BAC

› Assessing the Impact of Interested Parties on Ergonomics

› Integrating Organisational Context into ISO 9241BAC Practices

• 5 Clause 5: Leadership — 6 classes

› Establishing Leadership Commitment in Human-System Interaction

› Defining Roles and Responsibilities for Ergonomic Leadership

› Implementing Policies for Effective System Interaction Design

› Authority Structures in Ergonomics and Human-System Interaction

› Strategic Leadership Approaches in ISO 9241BAC Implementation

› Enhancing Human-System Interaction through Leadership Engagement

• 6 Clause 6: Planning — 6 classes

› Identifying Risks in Human-System Interaction Design

› Opportunities in Ergonomic System Planning Processes

› Setting Objectives for Human-System Interaction Projects

› Creating Effective Plans for Ergonomic Improvements

› Measuring Success in Ergonomic System Objectives

› Reviewing Risks and Opportunities in ISO 9241BAC Compliance

• 7 Clause 7: Support — 6 classes

› Understanding Resources for Human-System Interaction in ISO 9241BAC

› Developing Competence in Ergonomics for Human-System Interaction

› Raising Awareness of Ergonomic Principles in ISO 9241BAC

› Effective Communication Strategies for ISO 9241BAC Implementation

› Documented Information Requirements under ISO 9241BAC

› Integrating Support Resources for Improved Human-System Interaction

• 8 Clause 8: Operation — 6 classes

› Operational Planning Principles for Human-System Interaction

› Implementing Control Mechanisms in Ergonomic Frameworks

› Assessing User Needs in Operational Planning

› Adapting Systems for Effective User Operation

› Evaluating System Performance in Human-System Interaction

› Integrating Feedback Loops into Operational Control Systems

• 9 Clause 9: Performance Evaluation — 6 classes

› Establishing Key Performance Indicators for Human-System Interaction

› Techniques for Monitoring Ergonomic Performance in Systems

› Measurement Methods for Evaluating User Interaction Effectiveness

› Conducting Internal Audits on Human-System Interaction Processes

› Analysing User Feedback for Continuous Performance Improvement

› Management Review Practices for Ergonomic Performance Evaluation

• 10 Clause 10: Improvement — 6 classes

› Identifying Nonconformity in Human-System Interaction Processes

› Implementing Corrective Actions for Ergonomic Failures

› Strategies for Continuous Improvement in User Interfaces

› Assessing the Impact of Changes on User Experience

› Documenting Lessons Learned in Ergonomics of Human-System Interaction

› Building a Culture of Improvement in Ergonomic Design

• CH1 Understanding ISO 9241BAC and its Importance — 6 classes

- › Overview of ISO 9241BAC Standards and Components
- › The Significance of Ergonomics in Human-System Interaction
- › Key Terminology and Concepts in ISO 9241BAC
- › Identifying Gaps in Current Practices Related to ISO 9241BAC
- › Stakeholder Roles and Responsibilities in Implementation
- › Benefits of Compliance for Accessibility in Building Design

• CH2 Conducting Effective Gap Analysis for ISO 9241BAC — 6 classes

- › Defining the Scope of Gap Analysis
- › Methods for Assessing Current Compliance Levels
- › Comparative Analysis between Existing Standards and ISO 9241BAC
- › Tools for Identifying Systemic Ergonomic Issues
- › Documenting Findings and Prioritising Action Items
- › Engaging Stakeholders in the Gap Analysis Process

• CH3 Developing a Project Plan for Implementation — 6 classes

- › Establishing Clear Project Goals and Objectives
- › Resource Allocation and Team Member Responsibilities
- › Creating a Realistic Timeline for Implementation
- › Risk Assessment and Mitigation Planning Techniques
- › Utilising Project Management Tools for Tracking Progress
- › Engaging Stakeholders in Project Development

• CH4 Methodologies for Internal Audits and Reviews — 6 classes

- › Designing an Internal Audit Framework for ISO 9241BAC
- › Conducting Effective ISO 9241BAC Compliance Audits
- › Evaluating Audit Results and Identifying Improvements
- › Developing Action Plans for Non-Conformities Found
- › Stakeholder Involvement in the Audit Process
- › Ensuring Continuous Monitoring and Improvement

• CH5 Preparing for Management Review and Certification — 6 classes

- › Establishing Criteria for Management Review Meetings
- › Collecting and Presenting Relevant Performance Data
- › Engaging Leadership in ISO 9241BAC Implementation
- › Addressing Feedback and Making Strategic Decisions
- › Building a Culture of Compliance and Ergonomics
- › Final Certification Preparation and Readiness Check

• CH1 Understanding ISO 9241BAC Standards — 6 classes

- › Introduction to ISO 9241BAC
- › Key Principles of Ergonomics
- › Human-Centered Design Fundamentals
- › ISO Standards in Building Accessibility
- › Impact of Ergonomics on Human-System Interaction
- › Case Studies in ISO 9241BAC Applications

• CH2 Integrating ISO Standards with Industry Practices — 6 classes

- › Bridging ISO Standards and Industry Needs
- › Current Trends in Building Accessibility
- › ISO Compliance Strategies for Consultants
- › Adapting ISO Principles to Local Regulations
- › Best Practices for ISO Integration
- › The Role of Innovation in Accessibility Solutions

• CH3 Consultant Branding and Personal Development — 6 classes

- › Building Your Consultant Brand
- › Effective Communication with Clients
- › Creating Value Through ISO Expertise
- › Networking in the Consulting Field
- › Marketing Your Services Locally and Globally
- › Developing a Strong Online Presence

• CH4 Offering Consultative Advisory Services — 6 classes

- › Understanding Client Needs and Expectations
- › Conducting Accessibility Assessments
- › Delivering Effective Advisory Reports
- › Client Relationship Management Strategies
- › Workshops and Training for Stakeholders
- › Evaluating the Success of Advisory Services

• CH5 Establishing a Sustainable Consulting Practice — 6 classes

- › Business Planning for ISO Consultants
- › Financial Management and Budgeting
- › Creating a Collaborative Consultant Network
- › Leveraging LAPT Partner Framework
- › Building Long-Term Client Relationships
- › Future Trends in Consulting for Accessibility