

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 9999 — Assistive Products for People with Disability

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference HL-AGE-9999 • ISO Health

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AT A GLANCE

REFERENCE	HL-AGE-9999
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Assistive Products Design and Development

5 chapters · 30 classes 85 marks

• 1 Understanding ISO 9999 and Its Importance in Assistive Product Design — 6 classes

› 1.1 Explain the Fundamentals of ISO 9999 in Assistive Product Design

› 1.2 Identify Key Categories of Assistive Products in ISO 9999

› 1.3 Analyze the Benefits of Compliance with ISO 9999 Standards

› 1.4 Assess the Role of Stakeholders in ISO 9999 Implementation

› 1.5 Apply ISO 9999 Standards to Design an Assistive Product Concept

› 1.6 Evaluate Case Studies of Successful ISO 9999 Adoption in Product Design

• 2 Identifying User Needs and Challenges in Assistive Products — 6 classes

› 2.1 Investigate User Demographics and Diversity in Disability

› 2.2 Analyze Common User Challenges in Daily Activities

› 2.3 Explore the Role of Stakeholder Feedback in Product Design

› 2.4 Assess Current Assistive Products: Strengths and Weaknesses

› 2.5 Conduct User-Centered Research Techniques for Product Development

› 2.6 Design Solutions Based on Identified User Needs and Preferences

• 3 Integrating Universal Design Principles into Assistive Products — 6 classes

› 3.1 Define Universal Design Principles in Assistive Product Development

› 3.2 Identify Key Elements of User-Centered Design in Assistive Products

› 3.3 Analyze Case Studies of Successful Universal Design Applications

› 3.4 Evaluate Current Assistive Products for Universal Design Compliance

› 3.5 Develop a Prototype Incorporating Universal Design Principles

› 3.6 Present and Critique Peer Prototypes for Universal Design Effectiveness

• 4 Prototyping and Testing Assistive Products for Efficacy — 6 classes

› 4.1 Identify Key Prototyping Techniques for Assistive Products

› 4.2 Develop Initial Prototypes Using Rapid Prototyping Methods

› 4.3 Conduct User-Centered Testing with Assistive Product Prototypes

› 4.4 Analyze Feedback to Assess Prototype Efficacy

› 4.5 Iterate Design Based on Testing Outcomes and User Needs

› 4.6 Present Finalized Prototype Designs for Stakeholder Review

• 5 Regulatory Compliance and Quality Assurance in Assistive Product Development — 6 classes

› 5.1 Understand the Role of ISO 9999 in Assistive Product Compliance

› 5.2 Identify Key Regulatory Standards for Assistive Product Development

› 5.3 Explore Quality Assurance Processes in Assistive Technologies

› 5.4 Analyze Case Studies of Regulatory Failures in Assistive Products

› 5.5 Develop a Regulatory Compliance Checklist for New Products

› 5.6 Implement Quality Control Measures in Assistive Product Design

• 1 Understanding Assistive Products and Their Importance — 6

classes

- › 1.1 Define Assistive Products and Their Role in Disability
- › 1.2 Explore the Categories of Assistive Products
- › 1.3 Discuss the Importance of Assistive Products for Daily Living
- › 1.4 Identify Key Features of Effective Assistive Products
- › 1.5 Analyze Case Studies of Successful Assistive Product Implementation
- › 1.6 Design a Conceptual Framework for Evaluating Assistive Products

• 2 ISO 9999 Standards: Framework and Guidelines — 6 classes

- › 2.1 Understand ISO 9999: Overview of Standards and Framework
- › 2.2 Explore the Categories of Assistive Products in ISO 9999
- › 2.3 Analyze the Contextual Importance of ISO 9999 Guidelines
- › 2.4 Discuss Evaluation Criteria for Assessing Assistive Products
- › 2.5 Apply ISO 9999 Standards to Real-World Assistive Product Case Studies
- › 2.6 Develop an Action Plan for Implementing ISO 9999 in Evaluation Practices

• 3 Conducting Needs Assessments for Assistive Technology — 6

classes

- › 3.1 Identify User Needs for Assistive Technology
- › 3.2 Analyze Functional Limitations in Daily Activities
- › 3.3 Conduct Stakeholder Interviews for Comprehensive Insights
- › 3.4 Develop Survey Tools for User Feedback
- › 3.5 Evaluate Data Collection Methods and Their Effectiveness
- › 3.6 Synthesize Findings to Recommend Assistive Products

• 4 Evaluating Assistive Products: Methods and Techniques — 6

classes

- › 4.1 Define Evaluation Criteria for Assistive Products
- › 4.2 Identify User Needs and Preferences in Product Evaluation
- › 4.3 Explore Quantitative Methods for Evaluating Assistive Products
- › 4.4 Investigate Qualitative Methods for Evaluating User Experience
- › 4.5 Conduct Case Studies of Assistive Products in Real-World Settings
- › 4.6 Analyze Evaluation Findings to Improve Assistive Product Design

• 5 Implementing and Monitoring Assistive Product Use — 6 classes

- › 5.1 Identify Key Factors in Assistive Product Implementation
- › 5.2 Develop a Monitoring Plan for Assistive Product Use
- › 5.3 Assess User Feedback on Assistive Products
- › 5.4 Analyze Data to Evaluate Product Effectiveness
- › 5.5 Create Strategies for Continuous Improvement in Product Use
- › 5.6 Report Findings and Recommend Future Actions

• 1 Overview of ISO 9999: Structure and Purpose — 6 classes

- › 1.1 Define ISO 9999 and its Importance in Assistive Products
- › 1.2 Explore the Structure of ISO 9999 Standards
- › 1.3 Identify Key Categories of Assistive Products in ISO 9999
- › 1.4 Discuss the Purpose and Benefits of ISO 9999 Compliance
- › 1.5 Analyze Real-World Applications of ISO 9999 Standards
- › 1.6 Evaluate the Impact of ISO 9999 on Product Development and Innovation

• 2 Classification of Assistive Products — 6 classes

- › 2.1 Define Assistive Products and Their Importance
- › 2.2 Explore the ISO 9999 Classification System
- › 2.3 Identify Categories of Assistive Products
- › 2.4 Analyze the Features of Each Category
- › 2.5 Discuss the Application of Assistive Products in Daily Life
- › 2.6 Evaluate Case Studies of Assistive Product Classifications

• 3 Standards Development Process and Key Stakeholders — 6

classes

- › 3.1 Understand the Standards Development Process
- › 3.2 Identify Key Stakeholders in ISO 9999
- › 3.3 Analyze the Role of Stakeholders in Standard Development
- › 3.4 Explore the Stages of Standards Development
- › 3.5 Examine the Impact of ISO 9999 on Assistive Products
- › 3.6 Apply Stakeholder Feedback to Improve Standards

• 4 Implementation of ISO 9999: Challenges and Best Practices — 6

classes

- › 4.1 Identify Key Challenges in Implementing ISO 9999
- › 4.2 Analyze Case Studies of Successful ISO 9999 Implementation
- › 4.3 Evaluate Best Practices for Compliance with ISO 9999 Standards
- › 4.4 Develop a Strategic Plan for Overcoming Implementation Barriers
- › 4.5 Create a Checklist for Continuous Improvement in ISO 9999 Practices
- › 4.6 Design Training Modules for Stakeholder Engagement in ISO 9999

• 5 Evaluating Assistive Products: Compliance and Quality Assurance — 6 classes

- › 5.1 Understand ISO 9999: Overview of Assistive Products Standards
- › 5.2 Identify Key Criteria for Compliance in Assistive Products
- › 5.3 Assess Quality Assurance Processes for Assistive Products
- › 5.4 Explore Methods for Evaluating Assistive Product Performance
- › 5.5 Analyze Case Studies: Compliance Successes and Failures
- › 5.6 Develop an Evaluation Framework for Assistive Product Assessment

• 1 Understanding Assistive Technology and ISO 9999 Standards — 6 classes

- › 1.1 Define Assistive Technology and Its Importance in Disability Management
- › 1.2 Explore the ISO 9999 Standard and Its Relevance to Assistive Products
- › 1.3 Identify Key Categories of Assistive Products as per ISO 9999
- › 1.4 Analyze the Impact of Assistive Technology on Quality of Life for Users
- › 1.5 Evaluate the Role of Leadership in the Management of Assistive Technology Services
- › 1.6 Develop an Action Plan for Implementing ISO 9999 Standards in Service Delivery

• 2 Assessment and Selection of Assistive Products — 6 classes

- › 2.1 Identify Key Factors in Assessing Assistive Needs
- › 2.2 Evaluate the Criteria for Selecting Assistive Products
- › 2.3 Analyze the Impact of User-Centered Design on Product Selection
- › 2.4 Compare Various Types of Assistive Products Available
- › 2.5 Develop a Structured Assessment Process for Assistive Products
- › 2.6 Implement a Trial Period for Assistive Product Evaluation

• 3 Implementation and Integration of Assistive Technology Services — 6 classes

- › 3.1 Identify Key Stakeholders in Assistive Technology Services
- › 3.2 Assess Needs for Assistive Technology Implementation
- › 3.3 Develop a Strategic Plan for Assistive Technology Integration
- › 3.4 Evaluate Resources and Budgeting for Assistive Technology Services
- › 3.5 Create Training Modules for Staff and End-Users
- › 3.6 Monitor and Assess the Impact of Assistive Technology Implementation

• 4 Monitoring and Evaluation of Assistive Technology Usage — 6 classes

- › 4.1 Define Key Metrics for Evaluating Assistive Technology Usage
- › 4.2 Implement Data Collection Methods for Assistive Technology Assessment
- › 4.3 Analyze Usage Patterns of Assistive Technology Products
- › 4.4 Identify Barriers to Effective Assistive Technology Usage
- › 4.5 Develop Strategies for Continuous Improvement in Assistive Technology Services
- › 4.6 Create a Reporting Framework for Monitoring Assistive Technology Impact

• 5 Leadership and Best Practices in Assistive Technology Management — 6 classes

- › 5.1 Define Leadership Roles in Assistive Technology Management
- › 5.2 Identify Best Practices for Team Collaboration in Assistive Technology Services
- › 5.3 Evaluate Current Trends in Assistive Technology Leadership
- › 5.4 Develop Strategies for Effective Decision-Making in Assistive Tech Services
- › 5.5 Analyze Case Studies of Leadership Success in Assistive Technology
- › 5.6 Implement a Framework for Continuous Improvement in Assistive Technology Management

• 1 Foundations of Assistive Technology Policy and Regulation — 6 classes

- › 1.1 Define Assistive Technology and Its Importance in Disability Support
- › 1.2 Explore Key Principles of International Standards for Assistive Products
- › 1.3 Analyze the Role of Policy in Shaping Assistive Technology Access
- › 1.4 Identify Stakeholders in Assistive Technology Regulation
- › 1.5 Evaluate the Impact of Legislation on Assistive Technology Implementation
- › 1.6 Develop a Strategic Plan for Enhancing Policy Compliance in Assistive Technology

• 2 Understanding ISO Standards in Assistive Technology — 6 classes

- › 2.1 Define ISO Standards and Their Importance in Assistive Technology
- › 2.2 Explore the History and Development of ISO 9999
- › 2.3 Identify Key Components of ISO 9999 for Assistive Products
- › 2.4 Analyze the Role of ISO 9999 in Policy and Regulation
- › 2.5 Evaluate the Impact of ISO 9999 on Industry Standards and Practices
- › 2.6 Apply ISO 9999 Guidelines to Case Studies in Assistive Technology

• 3 National Policies Influencing Assistive Technology — 6 classes

- › 3.1 Identify National Policies Impacting Assistive Technology
- › 3.2 Analyze Key Legislation Supporting Assistive Technology Access
- › 3.3 Evaluate the Role of Government in Assistive Technology Development
- › 3.4 Discuss the Influence of Stakeholder Organizations on Policy Formation
- › 3.5 Explore Case Studies of Effective National Policies in Practice
- › 3.6 Develop Strategies for Advocacy in Assistive Technology Policy

• 4 Evaluation and Compliance in Assistive Product Regulation — 6 classes

- › 4.1 Understand the Importance of Compliance in Assistive Product Regulation
- › 4.2 Identify Key Standards and Guidelines in ISO 9999
- › 4.3 Analyze the Evaluation Process for Assistive Products
- › 4.4 Explore Case Studies of Compliance Failures in Assistive Technology
- › 4.5 Develop Effective Compliance Strategies for Assistive Products
- › 4.6 Implement Evaluation Techniques for Continuous Product Improvement

• 5 Emerging Trends and Future Directions in Assistive Technology Policy — 6 classes

- › 5.1 Analyze Current Trends in Assistive Technology Policy
- › 5.2 Explore Emerging Technologies Impacting Assistive Products
- › 5.3 Assess Regulatory Challenges in Assistive Technology Implementation
- › 5.4 Investigate the Role of Stakeholders in Shaping Policy
- › 5.5 Formulate Recommendations for Future Assistive Technology Policies
- › 5.6 Evaluate Case Studies of Innovative Assistive Technology Solutions

• 1 Understanding ISO 9999 and Its Impact on Assistive Products — 6 classes

- › 1.1 Explore the Fundamentals of ISO 9999 in Healthcare
- › 1.2 Identify Key Components of Assistive Products under ISO 9999
- › 1.3 Analyze the Role of ISO 9999 in Enhancing Accessibility
- › 1.4 Evaluate the Impact of ISO 9999 on Stakeholders in Healthcare
- › 1.5 Develop Strategies for Implementing ISO 9999 in Practice
- › 1.6 Assess Outcomes of ISO 9999 Adoption for People with Disabilities

• 2 Strategic Leadership Frameworks in Healthcare for Ageing Populations — 6 classes

- › 2.1 Analyze Current Demographics and Needs of Ageing Populations
- › 2.2 Evaluate Different Strategic Leadership Frameworks in Healthcare
- › 2.3 Integrate Assistive Products into Healthcare Leadership Strategies
- › 2.4 Identify Stakeholders and Their Roles in Strategic Leadership
- › 2.5 Develop Action Plans for Implementing Strategic Frameworks
- › 2.6 Assess the Impact of Leadership Strategies on Ageing Population Care

• 3 Integrating Assistive Technology into Health Strategies — 6 classes

- › 3.1 Define Assistive Technology and Its Importance in Healthcare
- › 3.2 Explore the ISO 9999 Standard and Its Relevance to Assistive Products
- › 3.3 Assess Current Health Strategies for Integration of Assistive Technology
- › 3.4 Develop a Framework for Implementing Assistive Technology in Health Strategies
- › 3.5 Evaluate Case Studies of Successful Integration of Assistive Technology
- › 3.6 Create an Action Plan for Advancing Assistive Technology in Healthcare Leadership

• 4 Evaluating Leadership Effectiveness in Implementing ISO Standards — 6 classes

- › 4.1 Assess Current Leadership Models in ISO Implementation
- › 4.2 Analyze Key Metrics for Evaluating Leadership Effectiveness
- › 4.3 Identify Barriers to Effective Leadership in ISO Compliance
- › 4.4 Develop Strategies for Enhancing Leadership Impact
- › 4.5 Create Action Plans for Leadership Development in Healthcare
- › 4.6 Evaluate Leadership Outcomes in ISO Standards Adoption

• 5 Future Trends and Innovations in Assistive Healthcare Leadership — 6 classes

- › 5.1 Explore Emerging Technologies in Assistive Healthcare
- › 5.2 Analyze the Impact of Policy Changes on Assistive Products
- › 5.3 Evaluate Case Studies of Innovative Assistive Solutions
- › 5.4 Identify Key Stakeholders in Assistive Healthcare Leadership
- › 5.5 Design a Strategic Vision for Adopting New Assistive Technologies
- › 5.6 Develop a Proposal for Implementing Assistive Innovations in Practice