

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 37100 — Sustainable Cities and Communities Vocabulary

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference MGT-SMC-37100 • ISO Management & Services

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AT A GLANCE

REFERENCE	MGT-SMC-37100
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Impact Evaluation of Sustainability Initiatives

5 chapters · 30 classes 85 marks

• 1 Understanding Sustainability Initiatives and Their Frameworks — 6 classes

› 1.1 Define Key Concepts of Sustainability Initiatives

› 1.2 Identify the Frameworks Supporting Sustainable Cities

› 1.3 Explore Examples of Successful Sustainability Initiatives

› 1.4 Analyze the Impact of Sustainability Initiatives

› 1.5 Evaluate Stakeholder Roles in Sustainability Frameworks

› 1.6 Apply Frameworks to Assess Local Sustainability Initiatives

• 2 Developing Key Performance Indicators for Impact Evaluation — 6 classes

› 2.1 Define Key Performance Indicators for Sustainability Evaluation

› 2.2 Identify Relevant Sustainability Goals for KPI Development

› 2.3 Develop Quantitative Metrics for Performance Measurement

› 2.4 Create Qualitative Indicators for Holistic Evaluation

› 2.5 Align KPIs with ISO 37100 Standards and Best Practices

› 2.6 Implement a KPI Tracking Framework for Continuous Improvement

• 3 Quantitative Methods for Evaluating Sustainability Initiatives — 6 classes

› 3.1 Analyze Data Collection Techniques for Sustainability Initiatives

› 3.2 Interpret Key Performance Indicators (KPIs) in Sustainability

› 3.3 Apply Statistical Methods to Evaluate Environmental Impact

› 3.4 Utilize Cost-Benefit Analysis for Sustainable Projects

› 3.5 Assess Risk Measurement Frameworks in Sustainability Evaluation

› 3.6 Design a Comprehensive Evaluation Plan for a Sustainability Initiative

• 4 Qualitative Assessment Techniques in Sustainability Evaluation — 6 classes

› 4.1 Explore Key Qualitative Assessment Techniques in Sustainability

› 4.2 Analyze the Role of Stakeholder Interviews in Sustainability Evaluation

› 4.3 Implement Focus Groups to Gather Community Insights on Sustainability

› 4.4 Evaluate the Impact of Case Studies in Sustainability Practices

› 4.5 Synthesize Findings from Qualitative Data in Sustainability Initiatives

› 4.6 Design a Qualitative Evaluation Framework for a Sustainability Project

• 5 Integrating Evaluation Results into Policy and Practice — 6 classes

› 5.1 Analyze Evaluation Methodologies for Sustainability Initiatives

› 5.2 Interpret Evaluation Results for Policy Recommendations

› 5.3 Identify Stakeholder Perspectives in Sustainable Practices

› 5.4 Develop Action Plans Based on Evaluation Findings

› 5.5 Create Strategies for Integrating Results into Local Policies

› 5.6 Assess the Long-Term Impact of Sustainable Policies and Practices

• 1 Understanding the Principles of Sustainable Cities — 6 classes

- › 1.1 Define Sustainable Cities and Their Importance
- › 1.2 Identify Key Principles of Sustainability in Urban Development
- › 1.3 Explore the Social, Economic, and Environmental Dimensions of Sustainability
- › 1.4 Analyze Case Studies of Successful Sustainable Cities
- › 1.5 Evaluate Strategies for Implementing Sustainable Practices in Communities
- › 1.6 Propose a Sustainable Initiative for Your Local Community

• 2 Key Components of Smart Cities — 6 classes

- › 2.1 Define Smart City Components and Their Importance
- › 2.2 Identify Technology's Role in Urban Development
- › 2.3 Explore Sustainable Infrastructure in Smart Cities
- › 2.4 Assess the Impact of Data Management on Urban Living
- › 2.5 Evaluate Citizen Engagement Strategies in Smart Cities
- › 2.6 Apply Smart City Concepts to Local Community Issues

• 3 ISO 37100 Framework and Standards — 6 classes

- › 3.1 Explore the ISO 37100 Framework for Sustainable Cities
- › 3.2 Identify Key Standards in ISO 37100 for Urban Development
- › 3.3 Analyze the Role of Leadership in Implementing ISO 37100
- › 3.4 Discuss the Importance of Community Engagement in Sustainable Cities
- › 3.5 Evaluate Case Studies of ISO 37100 in Action
- › 3.6 Create an Action Plan for Local Implementation of ISO 37100 Standards

• 4 Challenges and Opportunities in Sustainable Urban Development

— 6 classes

- › 4.1 Identify Key Challenges in Urban Development
- › 4.2 Analyze the Impact of Climate Change on Cities
- › 4.3 Explore Opportunities for Green Infrastructure
- › 4.4 Evaluate Community Engagement Strategies for Sustainability
- › 4.5 Design a Sustainable Urban Development Action Plan
- › 4.6 Present Solutions for Overcoming Urban Challenges

• 5 Assessing Sustainability Metrics and Outcomes — 6 classes

- › 5.1 Define Key Sustainability Metrics for Urban Assessment
- › 5.2 Analyze the Role of Community Engagement in Sustainability Outcomes
- › 5.3 Evaluate Sustainable Transportation Metrics in Urban Planning
- › 5.4 Assess Energy Efficiency Indicators for Sustainable Cities
- › 5.5 Investigate Waste Management Metrics and Their Impact on Sustainability
- › 5.6 Apply Sustainability Metrics to Real-World Urban Case Studies

• 1 Understanding Sustainable Cities: Key Concepts and Principles

— 6 classes

- › 1.1 Define Key Terms Related to Sustainable Cities
- › 1.2 Explore the Principles of Sustainable Development
- › 1.3 Analyze the Role of Stakeholders in Urban Sustainability
- › 1.4 Identify Indicators of Sustainable Cities and Communities
- › 1.5 Evaluate Case Studies of Sustainable Urban Practices
- › 1.6 Develop Strategies for Implementing ISO 37100 Standards

• 2 ISO 37100 Framework: Structure and Governance — 6 classes

- › 2.1 Define the ISO 37100 Framework and Its Key Components
- › 2.2 Explore Governance Structures in Sustainable Cities
- › 2.3 Analyze the Roles of Stakeholders in Sustainable Development
- › 2.4 Assess the Importance of Leadership in Implementing ISO 37100
- › 2.5 Develop Strategies for Effective Governance in Urban Planning
- › 2.6 Create an Action Plan for ISO 37100 Compliance in Local Communities

• 3 Core Vocabulary: Defining Terms in ISO 37100 — 6 classes

- › 3.1 Understand the Importance of ISO 37100 in Sustainable Development
- › 3.2 Identify Key Terms Related to Sustainable Cities and Communities
- › 3.3 Explore the Concepts of Resilience and Sustainability in Urban Planning
- › 3.4 Analyze the Role of Stakeholders in ISO 37100 Terminology
- › 3.5 Apply ISO 37100 Vocabulary to Real-World Scenarios
- › 3.6 Evaluate the Impact of Standardized Vocabulary on Community Engagement

• 4 Measuring Sustainability: Indicators and Metrics — 6 classes

- › 4.1 Define Key Indicators for Measuring Sustainability
- › 4.2 Identify Relevant Metrics for Urban Development
- › 4.3 Analyze the Impact of Indicators on Community Wellbeing
- › 4.4 Evaluate Data Collection Methods for Sustainability Analysis
- › 4.5 Apply ISO 37100 Standards to Assess Urban Sustainability
- › 4.6 Create an Action Plan Using Sustainability Metrics

• 5 Leadership Strategies for Implementing ISO 37100 Standards — 6 classes

- › 5.1 Define Leadership Roles in ISO 37100 Implementation
- › 5.2 Identify Effective Leadership Styles for Sustainable Communities
- › 5.3 Develop Communication Strategies for Stakeholder Engagement
- › 5.4 Create Action Plans for Leadership Development in Sustainability
- › 5.5 Assess Leadership Impact on Community Resilience and Sustainability
- › 5.6 Design Collaborative Leadership Models for ISO 37100 Adoption

• 1 Understanding the Principles of Sustainable Urban Development

— 6 classes

- › 1.1 Define Key Concepts of Sustainable Urban Development
- › 1.2 Identify Stakeholders in Sustainable Urban Practices
- › 1.3 Analyze the Impact of Urbanization on Sustainability
- › 1.4 Explore Policy Frameworks for Sustainable Cities
- › 1.5 Assess Strategies for Implementing Sustainable Practices
- › 1.6 Create an Action Plan for Local Sustainable Initiatives

• 2 Policy Frameworks for Sustainable Urban Practices — 6 classes

- › 2.1 Evaluate Existing Policy Frameworks for Sustainability
- › 2.2 Identify Key Stakeholders in Urban Policy Development
- › 2.3 Analyze Best Practices in Sustainable Urban Policies
- › 2.4 Design Innovative Policy Proposals for Urban Sustainability
- › 2.5 Develop Measurement Tools for Policy Effectiveness
- › 2.6 Present Policy Recommendations to Stakeholders

• 3 Stakeholder Engagement and Collaborative Governance — 6 classes

- › 3.1 Define Stakeholder Roles in Urban Governance
- › 3.2 Identify Key Stakeholders in Sustainable Urban Development
- › 3.3 Analyze Collaborative Governance Models for Cities
- › 3.4 Develop Strategies for Effective Stakeholder Engagement
- › 3.5 Create Communication Plans to Foster Collaboration
- › 3.6 Evaluate the Impact of Stakeholder Involvement on Policy Outcomes

• 4 Integrating Smart Technologies in Urban Policy — 6 classes

- › 4.1 Explore the Role of Smart Technologies in Urban Sustainability
- › 4.2 Identify Key Smart Technologies for Enhanced Urban Policy
- › 4.3 Analyze Case Studies of Successful Smart Technology Integration
- › 4.4 Assess the Challenges of Implementing Smart Technologies in Cities
- › 4.5 Develop Policy Recommendations for Smart Technology Adoption
- › 4.6 Create an Action Plan for Integrating Smart Technologies in Local Governance

• 5 Monitoring, Evaluation, and Continuous Improvement of Urban Policies — 6 classes

- › 5.1 Define Key Metrics for Evaluating Urban Policies
- › 5.2 Identify Sources of Data for Effective Monitoring
- › 5.3 Analyze Stakeholder Feedback in Policy Evaluation
- › 5.4 Develop a Framework for Continuous Improvement
- › 5.5 Implement Strategies for Adaptive Urban Policy Management
- › 5.6 Case Study: Successful Monitoring Practices in Urban Settings

• 1 Understanding Stakeholder Identification in Sustainable Development — 6 classes

- › 1.1 Define Key Stakeholder Roles in Sustainable Development
- › 1.2 Identify Primary and Secondary Stakeholders in Your Community
- › 1.3 Analyze the Interests and Influence of Diverse Stakeholders
- › 1.4 Map Stakeholder Relationships in Sustainable Projects
- › 1.5 Develop Strategies for Engaging Stakeholders Effectively
- › 1.6 Create a Stakeholder Engagement Plan for Sustainable Initiatives

• 2 Mapping Stakeholder Interests and Influence — 6 classes

- › 2.1 Identify Key Stakeholders in Sustainable Urban Development
- › 2.2 Analyze Stakeholder Interests and Priorities
- › 2.3 Assess Stakeholder Influence and Power Dynamics
- › 2.4 Create a Stakeholder Mapping Matrix
- › 2.5 Develop Engagement Strategies for Diverse Stakeholders
- › 2.6 Evaluate the Effectiveness of Stakeholder Engagement Techniques

• 3 Stakeholder Engagement Strategies and Techniques — 6 classes

- › 3.1 Identify Key Stakeholders in Sustainable City Development
- › 3.2 Analyze Stakeholder Interests and Influence
- › 3.3 Develop Effective Communication Strategies for Engagement
- › 3.4 Facilitate Collaborative Workshops with Stakeholders
- › 3.5 Employ Feedback Mechanisms to Foster Stakeholder Input
- › 3.6 Evaluate the Impact of Stakeholder Engagement on Projects

• 4 Facilitating Collaborative Dialogue among Stakeholders — 6 classes

- › 4.1 Identify Key Stakeholders for Collaborative Dialogue
- › 4.2 Assess Stakeholder Interests and Motivations
- › 4.3 Develop Effective Communication Strategies
- › 4.4 Facilitate Inclusive Discussion Techniques
- › 4.5 Manage Conflicts and Build Consensus
- › 4.6 Evaluate Outcomes and Strengthen Stakeholder Relationships

• 5 Evaluating Stakeholder Engagement Outcomes — 6 classes

- › 5.1 Identify Key Performance Indicators for Stakeholder Engagement
- › 5.2 Analyze Stakeholder Feedback Mechanisms
- › 5.3 Assess the Effectiveness of Engagement Strategies
- › 5.4 Develop Metrics for Evaluating Engagement Outcomes
- › 5.5 Create a Framework for Reporting Stakeholder Engagement Results
- › 5.6 Apply Evaluation Techniques to Real-world Engagement Scenarios

• 1 Foundations of Strategic Urban Planning and Sustainable Development — 6 classes

- › 1.1 Define Key Concepts in Strategic Urban Planning
- › 1.2 Explore the Principles of Sustainable Development
- › 1.3 Analyze the Role of Governance in Urban Planning
- › 1.4 Identify Stakeholder Engagement Strategies
- › 1.5 Evaluate Urban Sustainability Indicators
- › 1.6 Develop a Model for Sustainable Community Planning

• 2 Stakeholder Engagement and Community Involvement in Urban Planning — 6 classes

- › 2.1 Identify Key Stakeholders in Urban Planning
- › 2.2 Assess the Role of Community Feedback in Project Development
- › 2.3 Explore Effective Communication Strategies with Stakeholders
- › 2.4 Evaluate Tools for Engaging Diverse Community Groups
- › 2.5 Design a Stakeholder Engagement Plan for a Local Project
- › 2.6 Reflect on Best Practices for Sustaining Community Involvement

• 3 Integrated Approaches to Land Use and Transportation Planning

— 6 classes

- › 3.1 Analyze the Interconnectedness of Land Use and Transportation
- › 3.2 Evaluate the Impact of Urban Density on Transportation Choices
- › 3.3 Identify Key Stakeholders in Integrated Urban Planning
- › 3.4 Design a Framework for Collaborative Planning Initiatives
- › 3.5 Implement Strategies for Sustainable Transportation Solutions
- › 3.6 Assess Outcomes of Integrated Planning on Community Well-being

• 4 Smart Technologies and Data-Driven Urban Solutions — 6 classes

- › 4.1 Analyze the Role of Smart Technologies in Urban Planning
- › 4.2 Explore Data-Driven Solutions for Urban Challenges
- › 4.3 Assess the Impact of IoT on City Infrastructure Management
- › 4.4 Identify Key Data Sources for Sustainable Urban Development
- › 4.5 Develop Strategies for Integrating Technology in Community Engagement
- › 4.6 Evaluate Case Studies of Smart Cities and Their Technologies

• 5 Evaluating and Measuring Urban Sustainability Outcomes — 6 classes

- › 5.1 Define Key Concepts of Urban Sustainability
- › 5.2 Identify Indicators for Measuring Sustainability Outcomes
- › 5.3 Analyze Data Sources for Urban Sustainability Assessment
- › 5.4 Explore Tools for Evaluating Urban Sustainability Strategies
- › 5.5 Conduct a Case Study Review of Sustainable City Practices
- › 5.6 Propose Recommendations for Enhancing Urban Sustainability Outcomes