

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 59004 — Circular Economy Vocabulary Principles and Guidance

ISO Certification Programme



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Reference ENV-CIR-59004 • ISO Environmental Sustainability

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AT A GLANCE

REFERENCE	ENV-CIR-59004
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Circular Economy Principles

5 chapters · 30 classes85 marks

• 1 Fundamentals of Circular Economy Concepts — 6 classes

› 1.1 Define Key Terms in Circular Economy

› 1.2 Explore the Principles of Circular Economy

› 1.3 Identify Benefits of Adopting Circular Economy Practices

› 1.4 Analyze Case Studies of Circular Economy Implementation

› 1.5 Evaluate Challenges in Transitioning to a Circular Economy

› 1.6 Develop a Personal Action Plan for Circular Economy Advocacy

• 2 Systems Thinking in Circular Economy — 6 classes

› 2.1 Define Systems Thinking in the Context of Circular Economy

› 2.2 Identify Key Components of a Circular Economy System

› 2.3 Analyze the Interconnections within Circular Economy Models

› 2.4 Evaluate the Benefits of Systems Thinking for Sustainable Practices

› 2.5 Apply Systems Thinking to Real-World Circular Economy Case Studies

› 2.6 Develop a Personal Action Plan for Implementing Systems Thinking

• 3 Circular Economy Business Models — 6 classes

› 3.1 Define Circular Economy Business Models

› 3.2 Identify Key Characteristics of Circular Economy Models

› 3.3 Explore Examples of Successful Circular Economy Businesses

› 3.4 Analyze the Benefits of Transitioning to Circular Economy Models

› 3.5 Develop a Circular Business Model Canvas

› 3.6 Evaluate Implementation Strategies for Circular Economy Models

• 4 Measuring Circular Economy Impact — 6 classes

› 4.1 Define Key Metrics for Measuring Circular Economy Impact

› 4.2 Identify Challenges in Measuring Circular Economy Practices

› 4.3 Explore Tools and Frameworks for Impact Assessment

› 4.4 Analyze Case Studies on Circular Economy Performance Metrics

› 4.5 Develop a Measurement Strategy for Circular Economy Initiatives

› 4.6 Evaluate the Success of Circular Economy Implementation

• 5 Leadership in Circular Economy Transition — 6 classes

› 5.1 Define Circular Economy Leadership and Its Importance

› 5.2 Identify Key Characteristics of Effective Circular Economy Leaders

› 5.3 Explore Strategies for Fostering a Circular Economy Mindset

› 5.4 Assess the Role of Stakeholders in Circular Economy Leadership

› 5.5 Develop a Leadership Action Plan for Circular Economy Initiatives

› 5.6 Evaluate Case Studies of Successful Circular Economy Leadership

• **1 Understanding ISO 59004: Overview and Importance** — 6 classes

- › 1.1 Define Key Concepts of Circular Economy
- › 1.2 Explore the Structure of ISO 59004
- › 1.3 Discuss the Importance of ISO 59004 in Sustainability
- › 1.4 Identify Stakeholders in Circular Economy Standards
- › 1.5 Evaluate Case Studies Applying ISO 59004
- › 1.6 Develop an Action Plan for Implementing ISO 59004

• **2 Core Vocabulary of Circular Economy Principles** — 6 classes

- › 2.1 Define Key Circular Economy Terms
- › 2.2 Explain the Importance of Circular Economy Vocabulary
- › 2.3 Identify Core Principles of Circular Economy
- › 2.4 Analyze Real-World Examples of Circular Economy Concepts
- › 2.5 Apply Circular Economy Vocabulary in Practical Scenarios
- › 2.6 Evaluate the Impact of Circular Economy Terminology on Business Practices

• **3 Guidance on Implementing Circular Economy Standards** — 6 classes

- › 3.1 Define Key Terms in Circular Economy Concepts
- › 3.2 Explain the Principles of Circular Economy Standards
- › 3.3 Identify Stakeholders in Circular Economy Implementation
- › 3.4 Assess Current Practices Against Circular Economy Guidelines
- › 3.5 Develop an Action Plan for Circular Economy Adoption
- › 3.6 Evaluate the Impact of Circular Economy Initiatives

• **4 Assessing and Measuring Circular Economy Performance** — 6 classes

- › 4.1 Define Circular Economy Metrics and Standards
- › 4.2 Identify Key Performance Indicators for Circular Economy
- › 4.3 Evaluate Existing Circular Economy Assessment Tools
- › 4.4 Analyze Data Collection Methods for Performance Measurement
- › 4.5 Interpret Assessment Results to Drive Circular Strategies
- › 4.6 Implement Continuous Improvement Practices in Circular Economy Assessment

• **5 Leading Change: Strategies for Circular Economy Integration** — 6 classes

- › 5.1 Understand Circular Economy Principles and ISO 59004 Standards
- › 5.2 Identify Stakeholders and Their Roles in Circular Economy Initiatives
- › 5.3 Assess Current Practices and Gaps for Circular Economy Integration
- › 5.4 Develop Strategies for Leadership in Circular Economy Change
- › 5.5 Implement Communication Plans for Stakeholder Engagement
- › 5.6 Evaluate the Impact of Circular Economy Strategies on Organization Sustainability

• **1 Understanding the Circular Economy and Its Importance** — 6 classes

- › 1.1 Define Circular Economy Concepts and Terms
- › 1.2 Explain the Importance of Circular Economy in Sustainability
- › 1.3 Identify Key Principles of Circular Economy Practices
- › 1.4 Analyze Case Studies Highlighting Circular Economy Success
- › 1.5 Evaluate the Role of Leadership in Driving Circular Economy Initiatives
- › 1.6 Create a Personal Action Plan for Implementing Circular Economy Strategies

• **2 Key Metrics and Indicators for Measuring Sustainability Impact** — 6 classes

- › 2.1 Define Key Metrics for Sustainability Impact Measurement
- › 2.2 Identify Leading vs. Lagging Indicators in Sustainability
- › 2.3 Analyze the Role of Life Cycle Assessment in Measuring Impact
- › 2.4 Evaluate Carbon Footprint Metrics and Their Importance
- › 2.5 Apply Metrics to Real-World Sustainability Scenarios
- › 2.6 Develop a Custom Sustainability Impact Measurement Framework

• **3 Frameworks and Tools for Sustainability Assessment** — 6 classes

- › 3.1 Identify Key Frameworks for Sustainability Assessment
- › 3.2 Analyze Metrics Used in Sustainability Evaluations
- › 3.3 Evaluate Tools for Measuring Sustainability Impact
- › 3.4 Compare Different Assessment Methodologies
- › 3.5 Integrate Frameworks into Organizational Strategy
- › 3.6 Develop a Plan for Implementing Sustainability Assessments

• **4 Analyzing Data for Effective Decision Making** — 6 classes

- › 4.1 Identify Key Sustainability Metrics for Decision Making
- › 4.2 Collect and Organize Data for Sustainable Practices
- › 4.3 Analyze Data Trends to Assess Environmental Impact
- › 4.4 Interpret Data to Inform Sustainable Business Strategies
- › 4.5 Visualize Data for Effective Stakeholder Communication
- › 4.6 Evaluate Outcomes and Adjust Strategies for Continuous Improvement

• **5 Reporting and Communicating Sustainability Impact** — 6 classes

- › 5.1 Understand Key Sustainability Metrics for Reporting
- › 5.2 Analyze Various Reporting Frameworks in Sustainability
- › 5.3 Identify Stakeholders and Their Information Needs
- › 5.4 Design Effective Communication Strategies for Impact Reporting
- › 5.5 Explore Tools for Measuring Sustainability Impact Accurately
- › 5.6 Create a Sample Sustainability Impact Report

• 1 Understanding Stakeholder Identification in Circular Economy —

6 classes

- › 1.1 Define Stakeholders in Circular Economy Context
- › 1.2 Identify Key Stakeholder Groups for Circular Initiatives
- › 1.3 Analyze the Roles and Interests of Stakeholders
- › 1.4 Map Stakeholder Influence and Impact
- › 1.5 Develop Strategies for Effective Stakeholder Engagement
- › 1.6 Evaluate Stakeholder Communication Channels and Methods

• 2 Mapping Stakeholder Interests and Influence — 6 classes

- › 2.1 Identify Key Stakeholders in the Circular Economy
- › 2.2 Analyze Stakeholder Interests and Concerns
- › 2.3 Assess Influence and Power Dynamics Among Stakeholders
- › 2.4 Create a Stakeholder Mapping Framework
- › 2.5 Develop Engagement Strategies for Diverse Stakeholders
- › 2.6 Evaluate the Effectiveness of Stakeholder Communication

• 3 Developing Effective Communication Strategies for Stakeholders

— 6 classes

- › 3.1 Identify Key Stakeholders in the Circular Economy
- › 3.2 Analyze Stakeholder Needs and Expectations
- › 3.3 Develop Tailored Communication Messages for Stakeholders
- › 3.4 Select Appropriate Communication Channels for Engagement
- › 3.5 Implement Effective Feedback Mechanisms with Stakeholders
- › 3.6 Evaluate and Adapt Communication Strategies for Continuous Improvement

• 4 Engaging Stakeholders Through Collaborative Approaches — 6

classes

- › 4.1 Define Stakeholder Groups and Their Roles in Circular Economy
- › 4.2 Explore Collaborative Approaches for Engaging Stakeholders
- › 4.3 Identify Effective Communication Strategies for Stakeholder Engagement
- › 4.4 Develop Stakeholder Engagement Plans for Circular Initiatives
- › 4.5 Implement Feedback Mechanisms for Continuous Stakeholder Involvement
- › 4.6 Evaluate the Impact of Collaborative Stakeholder Engagement on Circular Practices

• 5 Measuring the Impact of Stakeholder Engagement Activities — 6

classes

- › 5.1 Define Key Metrics for Measuring Stakeholder Engagement Impact
- › 5.2 Analyze Qualitative vs Quantitative Data in Stakeholder Feedback
- › 5.3 Identify Stakeholder Needs and Expectations Through Surveys
- › 5.4 Develop Frameworks for Assessing Engagement Outcomes
- › 5.5 Utilize Case Studies to Illustrate Successful Engagement Metrics
- › 5.6 Create an Action Plan for Continuous Improvement of Engagement Strategies

• 1 Understanding the Circular Economy Framework — 6 classes

- › 1.1 Define Key Concepts of the Circular Economy
- › 1.2 Explore the Principles of Circular Economy Framework
- › 1.3 Identify Stakeholders and Their Roles in Circular Economy
- › 1.4 Analyze Real-World Examples of Circular Economy Practices
- › 1.5 Design a Circular Economy Strategy for a Specific Industry
- › 1.6 Evaluate Leadership Challenges in Implementing Circular Economy Solutions

• 2 ISO 59004 Standards and Their Implications — 6 classes

- › 2.1 Define Key Terminology in ISO 59004 Standards
- › 2.2 Explore the Principles of Circular Economy in ISO 59004
- › 2.3 Analyze the Implications of ISO 59004 on Strategic Leadership
- › 2.4 Assess Organizational Readiness for ISO 59004 Implementation
- › 2.5 Develop a Strategic Plan for Incorporating ISO 59004 Standards
- › 2.6 Evaluate Case Studies on Effective ISO 59004 Adoption

• 3 Strategic Leadership Roles in Sustainability — 6 classes

- › 3.1 Define Strategic Leadership in Sustainability
- › 3.2 Identify Key Roles of Leaders in Sustainable Practices
- › 3.3 Analyze Case Studies of Effective Sustainable Leadership
- › 3.4 Explore Tools for Assessing Leadership Impact on Sustainability
- › 3.5 Develop Skills for Influencing Stakeholders Towards Sustainability
- › 3.6 Create an Action Plan for Leadership in Sustainable Initiatives

• 4 Implementing Circular Economy Strategies in Organizations — 6

classes

- › 4.1 Define Circular Economy: Key Terms and Concepts
- › 4.2 Analyze Benefits of Circular Economy for Organizations
- › 4.3 Identify Barriers to Implementing Circular Economy Strategies
- › 4.4 Develop a Circular Economy Action Plan
- › 4.5 Engage Stakeholders in Circular Economy Initiatives
- › 4.6 Evaluate the Impact of Circular Economy Practices

• 5 Measuring and Communicating Impact in Circular Economy Initiatives — 6 classes

- › 5.1 Define Key Metrics for Measuring Circular Economy Impact
- › 5.2 Analyze Existing Models for Assessing Sustainability Outcomes
- › 5.3 Identify Stakeholder Needs in Communicating Impact
- › 5.4 Develop Effective Communication Strategies for Circular Economy Benefits
- › 5.5 Create Visual Tools to Present Impact Data Clearly
- › 5.6 Evaluate the Effectiveness of Communication Approaches in Circular Initiatives

• 1 Understanding Circular Economy Principles — 6 classes

- › 1.1 Define Key Circular Economy Concepts
- › 1.2 Explore the Principles of Resource Efficiency
- › 1.3 Analyze the Role of Waste Reduction in Circular Economy
- › 1.4 Identify Stakeholders in Circular Economy Practices
- › 1.5 Evaluate Case Studies of Successful Circular Models
- › 1.6 Develop a Personal Action Plan for Circular Economy Implementation

• 2 ISO 59004: Structure and Key Definitions — 6 classes

- › 2.1 Explore Key Definitions in ISO 59004
- › 2.2 Understand the Structure of ISO 59004
- › 2.3 Identify Principles of Circular Economy in ISO 59004
- › 2.4 Analyze the Role of Leadership in Implementing ISO 59004
- › 2.5 Evaluate the Impact of Circular Economy Vocabulary on Policy
- › 2.6 Apply ISO 59004 Definitions to Case Studies in Sustainability

• 3 Implementing Circular Economy Strategies — 6 classes

- › 3.1 Define Key Circular Economy Concepts
- › 3.2 Identify Benefits of Circular Economy Strategies
- › 3.3 Analyze Case Studies of Successful Circular Economy Implementations
- › 3.4 Assess Barriers to Implementing Circular Economy Practices
- › 3.5 Develop a Circular Economy Action Plan for Your Organization
- › 3.6 Evaluate the Impact of Circular Economy Strategies on Sustainability

• 4 Measuring Sustainability Performance — 6 classes

- › 4.1 Define Key Metrics for Measuring Sustainability Performance
- › 4.2 Analyze Current Sustainability Performance Indicators
- › 4.3 Compare Global Standards and Frameworks for Measurement
- › 4.4 Develop a Sustainability Performance Assessment Tool
- › 4.5 Implement a Data Collection Strategy for Performance Measurement
- › 4.6 Evaluate and Report on Sustainability Performance Outcomes

• 5 Leadership in Circular Economy Transformation — 6 classes

- › 5.1 Define Circular Economy Concepts for Leadership
- › 5.2 Explore Key Principles of Circular Economy Transformation
- › 5.3 Identify Leadership Roles in Promoting Sustainable Practices
- › 5.4 Analyze Case Studies of Successful Circular Economy Leadership
- › 5.5 Develop Strategies for Engaging Stakeholders in Circular Initiatives
- › 5.6 Create an Action Plan for Leading Circular Economy Projects