Digital Sustainability Fundamentals

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This curriculum prepares learners to understand core principles of digital sustainability and develop fundamental management skills for sustainability initiatives.

EQF Level 6 | 1.0 ECTS | 2 Modules | Work-Based Learning: 2 hours

# Programme Overview

**Role Focus:** Operational management and process implementation

**Target Audience:** Professionals with management responsibilities seeking foundational digital sustainability knowledge and coordination skills

**Learning Approach:** EQF Level 6 professional development program with 1.0 ECTS, combining theoretical knowledge with practical application through structured learning and workplace integration.

# Assessment Framework

**Primary Method:** Management fundamentals portfolio

**Assessment Components:**

**• Core concept application:** 35%

**• Team coordination exercise:** 35%

**• Strategic planning project:** 30%

**Rationale:** Fundamental management programs focus on core concept application and practical coordination skills

# Delivery Framework

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| --- | --- |
| Total Contact Hours | 14 hours |
| Self-Study Hours | 6 hours |
| Work-Based Hours | 2 hours |
| Work-Based Learning | Integrated |

# Module Structure

## Module 1: Introduction to Digital Sustainability

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| --- | --- |
| ECTS Credits | 0.5 |
| EQF Level | 6 (Program: 6) |
| Total Workload | 12.5 hours |
| Contact Hours | 7 hours |
| Self-Study Hours | 3 hours |
| Workplace Hours | 1 hours |

**Description:** Core sustainability concepts and their intersection with technology systems for digital professionals

### Learning Outcomes:

**Knowledge:** Critically evaluate foundational concepts of introduction to digital sustainability and their application to cross-functional sustainability management and strategic implementation within sustainability applications.

**Skills:** Lead strategic professional application of introduction to digital sustainability to support operational management and process implementation in organizational contexts.

**Competence:** Lead strategic initiatives for professional responsibilities involving introduction to digital sustainability while ensuring professional standards and stakeholder value.

## Module 2: Data Analytics for Sustainability

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| --- | --- |
| ECTS Credits | 0.5 |
| EQF Level | 6 (Program: 6) |
| Total Workload | 12.5 hours |
| Contact Hours | 7 hours |
| Self-Study Hours | 3 hours |
| Workplace Hours | 1 hours |

**Description:** Use data tools to derive actionable sustainability insights

### Learning Outcomes:

**Knowledge:** Formulate analytical frameworks for data analytics for sustainability within operational management and process implementation contexts within sustainability applications.

**Skills:** Innovate data-driven approaches to data analytics for sustainability to support operational management and process implementation in organizational contexts.

**Competence:** Influence organizational professional responsibilities involving data analytics for sustainability while ensuring professional standards and stakeholder value.

# Recognition Framework

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| --- | --- |
| EQF Level | 6 |
| ECTS Transferable | Yes |
| Bologna Compliant | Yes |
| Professional Recognition | Industry recognition for Digital Sustainability Manager competencies at EQF Level 6 |