TECHNICAL LEARNING AND ASSESSMENT DOSSIER

Sustainable Design (Green Design) – Exam

Price / certificate issuance
99,00 €
VAT excluded

Course code	Minimum duration	Final pass score	Dossier issue
GREEN_DES_LA	60 min	70%	28/11/2026

1. Course identity, purpose and scope

The course "Sustainable Design (Green Design) – Exam" is aimed at professionals and designers interested in deepening their knowledge of sustainability applied to product and service life cycles. The training focuses on sustainable and circular design principles, incorporating life cycle assessment (LCA) to rigorously evaluate environmental impacts. Topics include eco-design and design for environment (DfE) methodologies, emphasizing the selection of recycled, recyclable, and low-impact materials, as well as designing for durability, repairability, and ease of disassembly. The course covers energy efficiency, CO2 emissions reduction, and sustainable packaging. Relevant international standards such as ISO 14001, ISO 14040/44 for LCA, and ISO 14006 for eco-design are examined, alongside introductions to carbon footprint and Environmental Product Declarations (EPD). The course also addresses sustainability communication, analyzing green claims and greenwashing risks, and integrates sustainability criteria into product development processes. The exam assesses applied skills through advanced technical scenarios simulating real-world cases across multiple sectors, with challenging questions designed to test knowledge and expertise.

This extended technical dossier describes the pathway as published in CIWZ Academy on the issue date. It consolidates purpose, references, learning architecture, module contents, assessment system, passing criteria and certificate conditions. It does not replace the official texts of the standards, laws, guidelines or schemes referenced.

2. Normative, regulatory and technical references

Sustainable design principles and circular design + life cycle assessment (LCA) and environmental impact evaluation + eco-design and design for environment (DfE) + material selection (recycled, recyclable, low-impact) + design for durability, repairability and disassembly + energy efficiency and emissions reduction (CO2) + sustainable packaging and waste reduction + criteria and requirements for sustainable products and services + standards and references (ISO 14001, ISO 14040/44 LCA, ISO 14006 eco-design) + carbon footprint and EPD concepts (overview) + sustainability communication (green claims, greenwashing risk) + integrating sustainability into product development processes

References are used as the learning and assessment framework within the limits of published content and available sources. For professional application, the official and current versions of the referenced documents always prevail.

3. Learning architecture and assessment system

- minimum tracked time: 60 min
- active final-exam bank: 200 questions
- final exam: 30 questions selected from the bank
- passing threshold: 70%
- Direct access to the final assessment under the published rules for the exam-only pathway.
- Exam assembly from the active course bank and scoring against the published pass threshold.
- Recording of the result and, where applicable, request for the final certificate.

4. Official catalogue technical information

Training objectives

- Deepen sustainable and circular design principles
- Apply life cycle assessment to evaluate environmental impacts
- Develop skills in eco-design and design for environment
- Select sustainable materials and design for durability and repairability
- Integrate sustainability criteria into product development processes

Skills acquired

- Coherent and verifiable LCA evaluation
- Designing to reduce CO2 emissions and waste
- Knowledge of relevant ISO standards (14001, 14040/44, 14006)
- Managing green claims and preventing greenwashing
- Ability to develop practical solutions in complex eco-design scenarios

Target audience

- Product designers
- Sustainability development managers
- Quality and environmental technicians
- Packaging and supply chain professionals

Prerequisites

- Basic knowledge of design and product development
- Fundamental understanding of environment and sustainability

Program

- Sustainable and circular design principles
- Life Cycle Assessment (LCA) and impact evaluation
- Eco-design and design for environment (DfE)
- Sustainable material selection criteria
- Design for durability, repairability, and disassembly
- Relevant ISO standards
- Sustainable communication and green claims management
- Real cases and technical scenarios for the exam

Teaching methodology

- Theoretical lessons and case studies
- Analysis of advanced technical scenarios
- Guided discussions and in-depth insights

Evaluation method

- Written exam lasting 60 minutes
- Passing threshold: 70%
- Technical questions and practical cases

Duration

- 60 minutes (exam)

Certification

- Certificate available upon payment of 99.00 € fee

Expected outcomes

- Ability to integrate sustainability in design processes
- Competence in LCA application and eco-design tools
- Preparedness on sustainability standards and communication

7. Assessment system, final exam and passing criteria

- The final assessment consists of 30 questions selected from the active course bank. The platform applies an anti-repetition logic for new attempts when the bank size allows it.
- Final question-bank size detected at generation time: 200 active questions.
- Published passing threshold for the course: 70%.
- Questions are intended to assess not only recall but also interpretation, application, evidence selection, scenario assessment and quality of decision-making, depending on the subject matter.

8. Tracking, learning continuity and session integrity

- Path status, completed modules and recorded time are managed server-side when the course uses the Academy learning mode.
- The platform allows the pathway to resume from the recorded point and retains the results of required checks.
- Assessment sessions may be subject to the integrity and proctoring controls enabled by the platform and described in the applicable usage rules.
- Technical and integrity events support assessment and do not replace professional judgement where human review is required.

9. Certificate, use and limitations

The CIWZ certificate, where provided by the pathway and requested after passing, records the result achieved in the stated CIWZ pathway or assessment. It does not automatically replace personnel certification, professional registration, statutory licence, legal qualification or credentials issued by third-party bodies where such requirements are imposed by the applicable scheme.

10. Commercial and tax conditions

- Price / certificate issuance: 99,00 € VAT excluded.
- UAE VAT is applied to UAE customers according to billing data and the applicable tax rules.
- Any specific commercial terms, agreements or corporate orders override the public price only when formally accepted by Certificato IWZ FZCO.

11. Dossier document control

- Document automatically generated by CIWZ Academy from the course data published at the time of the request.
- Course code: GREEN_DES_LA
- Document language: EN

- Generation date: 28/11/2026
- For normative and professional application, the current official sources and any applicable procedures/schemes prevail.