MERCURY

The FOUNDATION Certificate in Environmental Management

28 March – 1 April 2027
Online



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

The FOUNDATION Certificate in Environmental Management

Ref: 15838_1083181 **Date:** 28 March – 1 April 2027 **Location:** Online **Fees:** 1900 Euro

Introduction:

The FOUNDATION Certificate in Environmental Management course introduces the core principles and practices of effective environmental management. It equips participants with foundational knowledge of environmental processes, regulatory compliance, and sustainable resource management. It emphasizes identifying environmental risks, implementing control measures, and promoting best practices to support organizational sustainability goals.

Participants will gain the skills to contribute meaningfully to environmental initiatives and lay the groundwork for advanced studies or professional roles in environmental management. The FOUNDATION Certificate in Environmental Management training on environmental management systems' principles, practices, and advantages. It equips participants with essential skills, offering an in-depth understanding of sustainable and effective environmental management solutions.

In this certification, learners explore the definition of environmental management, its frameworks and methods, and how to implement environmental management practices and plans effectively. Focusing on certified environmental management approaches, it highlights the benefits of environmental management for organizations and their role in environmental management and development. Gain the expertise to develop robust environmental management systems and achieve impactful results.

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Targeted Groups:

- Entry-level environmental professionals.
- Employees in sustainability-related roles.
- Health, safety, and Environment HSE officers.
- Corporate social responsibility CSR coordinators.
- Facility and operations managers.
- Quality assurance professionals.
- Environmental compliance officers.
- Supply chain and procurement staff.
- Construction site supervisors.
- Manufacturing industry personnel.
- Government regulatory staff.
- Non-governmental organization NGO workers.
- Entrepreneurs in green business initiatives.
- Consultants are seeking foundational knowledge.
- Employees transitioning to environmental roles.
- Community development project leaders.
- Energy and utility sector employees.
- Anyone interested in sustainability and environmental stewardship.

Course Objectives:

At the end of this FOUNDATION Certificate in Environmental Management course, the participants will be able to:

- Introduce the core principles of environmental management.
- Provide knowledge of environmental regulations and compliance.
- Develop the ability to assess environmental risks and impacts.
- Explore sustainable resource management practices.
- Teach the fundamentals of environmental monitoring and reporting.
- Enable understanding of environmental management systems EMS.
- Equip learners with waste management and pollution control skills.
- Foster awareness of energy efficiency and conservation.
- Introduce the concept of environmental auditing and reporting.
- Provide insights into climate change and its business implications.
- Develop skills in promoting environmental sustainability in organizations.
- Build an understanding of environmental ethics and corporate responsibility.
- Offer foundational knowledge of international environmental standards.
- Enhance the ability to communicate environmental matters effectively.

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• Prepare learners for future environmental management roles or studies.

Targeted Competencies:

By the end of this FOUNDATION Certificate in Environmental Management training, the participant's competencies will:

• Understanding of environmental policies and regulations
• Knowledge of environmental impact assessments
• Ability to identify environmental risks and hazards
• Familiarity with sustainable resource management practices
• Proficiency in environmental monitoring and reporting
• Skills in implementing environmental management systems EMS
• Competence in waste management and pollution control
• Ability to evaluate energy consumption and efficiency
• Knowledge of climate change and its impact on business operations
• Understanding of environmental auditing and compliance
• Proficiency in green technologies and practices
• Awareness of biodiversity and ecosystem conservation
• Ability to promote environmental awareness in organizations
• Skills in emergency response and environmental crisis management
• Understanding of environmental ethics and corporate responsibility
• Competence in data collection and analysis for environmental decision-making
• Understanding of international environmental standards and frameworks
• Ability to communicate environmental information effectively
• Understanding of environmental sustainability initiatives and trends.

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Course Content:

Unit 1: Introduction to Environmental Management:

- Overview of environmental management principles and concepts.
- Importance of environmental sustainability in modern organizations.
- Understanding the relationship between business operations and the environment.
- Key environmental issues: pollution, climate change, and resource depletion.
- Introduction to the environmental management system EMS.
- The role of legislation and regulations in environmental protection.
- Global environmental challenges and their local impact.
- Corporate responsibility and the need for environmental stewardship.
- Stakeholders' role in environmental management.

Unit 2: Environmental Laws and Regulations:

- Overview of international, national, and local environmental laws.
- Key environmental regulations: air quality, water usage, waste management, etc.
- Understanding compliance requirements for different industries.
- Role of regulatory bodies in environmental protection.
- Legal implications of non-compliance with environmental laws.
- Procedures for environmental audits and inspections.
- Businesses require environmental permits and licenses.
- Case studies of legal challenges in environmental management.
- Ethical considerations and the importance of legal adherence.

Unit 3: Environmental Impact Assessment EIA:

- Introduction to Environmental Impact Assessment EIA process.
- Importance of EIA in assessing the environmental effects of projects.
- Key stages of the EIA process: scoping, baseline data collection, assessment, and reporting.
- Methods used for assessing environmental impact: qualitative and quantitative analysis.
- How to evaluate environmental risks and impacts.
- Strategies for mitigating negative environmental effects.
- Public participation and consultation in the EIA process.
- Case studies of EIA in different industries e.g., construction, energy, manufacturing.
- How to integrate EIA findings into business planning and decision-making.

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Unit 4: Sustainable Resource Management:

- Principles of sustainable resource management and its significance.
- Types of natural resources: renewable vs non-renewable.
- Strategies for reducing resource consumption in organizations.
- Efficient use of water, energy, and raw materials.
- Methods for reducing waste and promoting recycling.
- Role of circular economy in sustainable resource management.
- Sustainable sourcing and supply chain practices.
- Environmental footprint: measuring and reducing it.
- Best practices in sustainable agriculture, forestry, and fisheries.
- Importance of environmental conservation and biodiversity protection.

Unit 5: Environmental Monitoring and Reporting:

- Introduction to environmental monitoring systems and tools.
- Methods for monitoring air, water, and soil quality.
- Techniques for measuring energy use, waste production, and emissions.
- Using technology for real-time environmental monitoring.
- Key performance indicators KPIs for environmental performance.
- Reporting environmental data to stakeholders and regulatory bodies.
- How to interpret and analyze environmental data.
- Creating effective environmental reports and sustainability statements.
- Communicating environmental performance to internal and external audiences.
- Integrating environmental monitoring into business decision-making processes.