Foundation Certificate in Environmental Management

Syllabus Guide

IEMA
Transforming the world to sustainability
- CERTIFIED -

Astutis.

Foundation Certificate in Environmental Management

The IEMA Foundation Certificate has been developed to provide a basic knowledge of environmental and sustainability principles to build upon. It covers a range of environmental, sustainability and governance principles with a focus on practical application.

Course Summary

Upon completion of this course, learners will be able to:

- Understand business, governance and environmental principles and their relationship with organisations, products and services
- Ensure compliance with major environmental policy and legislation
- Implement specific tools, techniques, systems and practices to improve sustainability performance
- Collect data, perform analysis, and evaluate information to provide sustainable solutions
- Implement change and transformation to improve sustainability

Full Course Syllabus

1. Fundamentals of Sustainability

This topic covers the implications of global trends for the environment, society, the economy and organisations

- Global mega-trends driving the need to transform the world to sustainability
- The concept of sustainable development
- The UN's Sustainable Development Goals
- The five sustainable capitals and the dependencies between them
- The concept of environmental limits
- Economic activity that creates unintended environmental and social consequences, locally and globally
- Delivering sustainable outcomes by applying sustainability skills to overcome internal and external changes

2. Fundamental Business and Governance Principles and Issues
Learn sustainable business/governance principles and their relationship with organisations, products and services

- The role of ethics in individual and organisational decision making
- The importance of accountability, equalities, inclusivity, integrity, stewardship, transparency, cultural context and engagement

3. Fundamental Environmental Issues and Principles

This topic covers environmental principles and their relationship with organisations, products and services

- Natural cycles, ecological systems, ecosystem services and environmental limits, and their impact on your organisation
- The impact of human interventions on natural ecological systems, habitats, species and individuals
- Pollution sources, pathways and receptors

4. Policy, Regulation and Legislation
Learn major policy and legislation and their implications for organisations, products and services

- Sustainability issues linked to policy
- The main types of law and the relationship between international, national and sub-national law
- Key policy instruments in place and how they are used to achieve sustainable change
- Key environmental principles that form the basis of policy
- Key environmental legislation
- The role of environmental regulators and penalties for non-compliance
- Stakeholders that influence environmental issues and policy development
- The benefits and opportunities organisations can achieve in moving beyond compliance

www.astutis.com

5. Management and Assessment Tools

Learn the major tools, techniques, systems and practices used to improve sustainability performance

- Major environmental management tools, techniques, systems and practices, their advantages and disadvantages
- The concept of lifecycle thinking, its benefits and challenges
- The different roles people play in delivering sustainable outcomes
- The tools, techniques, systems and/or practices used by organisations to manage compliance and non-compliance

6. Innovative and Leading Practices

This topic covers the role of innovation and other leading practices in developing sustainable products and services and providing sustainable solutions

7. Analytical Thinking

Analytical Thinking covers collecting data, performing analysis, and evaluating information

- Identifying relevant sources of data and describing techniques used to collect, process, and store accurate data
- The importance of relevant and accurate data
- Analysing and interpreting data to draw appropriate conclusions and make practical recommendations that improve sustainability performance
- Methods to monitor a programme to improve sustainability performance

8. Problem Reframing and Resolution

This topic cover the benefits of research, planning and keeping up-to-date with innovations providing sustainable solutions

9. Effective Communication

Learn how to deliver effective communication and capture feedback

- The role effective communication plays in achieving sustainable outcomes
- Identifying a range of internal and external stakeholders
- Communication methods that provide information and capture feedback

www.astutis.com

Astutis Approved

10. Relationship Development
This topic covers the benefits of collaboration and cooperation in responding to sustainability challenges, particularly when facing similar issues

11. Resilience, Risk and Continual Improvement
This covers the tools and techniques that can be used to identify opportunities and risks

12. Delivering Sustainable Solutions
Learn how to Identify and propose ways to improve performance

- Long-term vision for sustainability and improving sustainability performance
- Key project management techniques that can deliver sustainable outcomes
- Financial return on investment and wider benefits
- Contracting and procurement for improving sustainability performance

13. Leadership for Change

This covers the principles of change management transformation to improve sustainability

Course Assessment
There is a 1-hour open-book online multiple-choice exam, which must be completed within 28 days of the start of the course.

www.astutis.com