



DEMONSTRATE AN UNDERSTANDING OF HUMAN SUSTAINABILITY

Unit Standard: 264459



Course Information



Qualification Title	National Certificate: Environmental Management
Course Title	Demonstrate an Understanding of Human Sustainability
Course Level	5
Course Credits	8
Course Duration	Three days
Cost of Course	R 2 800,00 per delegate (excluding 15% VAT)

Course Overview

The course allows delegates to understand the fundamentals, an awareness that will provide the learner with an understanding of the concept of sustainability. In addition, learners will acquire knowledge of the impact that humans have on the environment and vice-versa.

This highly interactive and practical course is designed to provide delegates with a sound knowledge of all elements involved in environmental practice or profession to:

- Investigate alternative resources/ways to protect the environment and prevent depletion of vital resources.
- Demonstrate knowledge of the dynamics of human-environment relationships.
- Describe the influence of political, economic, and social processes on the environment.
- Demonstrate an understanding of the concept of human vulnerability.

Environmental Management

Who Should Attend?	Anyone willing to equip themselves with knowledge and understanding regarding humans' impact in their environment and influence of political, economic, and social processes in the environment.
Course Objectives	- Maintain relevant knowledge and acquire skills to protect and/or be protected by the environment. - Demonstrate knowledge of the dynamics of human-environment relationships. - Assist individuals in demonstrating knowledge of the dynamics of human-environment relationships.
Benefits	Benefits of this course include: - Improved quality of relationships between humans and the environment. - Understanding the political role in the environment and economy. - Practice environmental protection.

Course Content

Course Modules	Course modules consist of: - The concept of human vulnerability with actions and their consequences. - The concept of human resilience is in terms of adapting to new circumstances and conditions. - Outlining and explaining trends that combine to cause or increase human vulnerability in terms of the power of these trends to impact society. - How human vulnerability assessments are made is explained for various circumstances. - The impact of society on the environment in terms of how they differ in the use of resources and pollution levels. - Changes in the availability of resources in terms of the organisation of societies emphasise the interaction between society and the environment. - Contrasting the use of firewood and methane as a source of energy in terms of viability in the long term.
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	8. Converting feedstock (plant material) into compost is a practical way of reusing current resources. 9. The concept of mass balance shows the environmental impact of resource use. 10. Investigating techniques to use water optimally, while preventing the depletion of this vital resource.
Certification and Assessments	All delegates who complete the summative assessment will be assessed, moderated, and receive a SOR (Statement of Results). Thereafter a Certificate of Competence from WWiSE (or SETA for qualifications) will be issued.

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions, and systems implementation firm based in Southern Africa that provides clients with effective business processes management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, both locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business, and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge, and competitiveness of client companies. This service range includes:

- ISO and SHERQ Systems implementation services, whereby we assist clients in meeting the requirements of (but not limited to) ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, and ISO 45001 Standards.
- Integrated Management Systems development whereby we integrate several business systems and management solutions into a single management system to comply with standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business, and Project Management to meet job responsibilities and expertise requirements of International Standards.
- ISO and Legal Auditing which includes Gap Analysis Audits, Product, Process, Procedural, and Systems auditing by our registered SAATCA Auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements.

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training, and auditing.