



University of Bahrain MICRO-CREDENTIAL



Recycling and Re-Use of Plastic Waste

GENERAL INFORMATION

Duration: 2 Weeks

Total Hours: 12 hours

(6 hours per week)

Venue: University of Bahrain

Fees: 300 BHD

Level: Intermediate

Language: English

Pre-requisite:

- Basic knowledge of environmental science
- Minimum of a high school diploma; relevant coursework or experience in environmental science is beneficial

INSTRUCTOR BIOGRAPHY



Dr. Ahmed Abdel Fattah
Dr. Abd El-Fattah, Ph.D. in Chemical Sciences (University of Pisa, 2008), is an associate professor at the University of Bahrain. His research covers nanoscience, polymeric nanomaterials, and biodegradable polymers. He has supervised 19 M.Sc. and 10 Ph.D. students and published extensively in top journals.



Micro-credential is a short, focused course designed to equip learners with specific skills and knowledge within a specialized area. It serves as a pathway to earning an equivalent certification for a core course, offering a flexible and targeted learning experience.

COURSE OVERVIEW

The "Recycling and Re-Use of Plastic Waste" micro-credential is a 2-week program that teaches participants how to manage plastic waste through recycling and reuse strategies. It covers the environmental impact of plastic, recycling technologies, and creative reuse methods, emphasizing hands-on experience for sustainable practices.

DELIVERY MODE

Online Learning: Pre-recorded lectures and materials via LMS.

In-Person Workshops: Hands-on sessions on plastic recycling and reuse.

Webinars: Live sessions with guest speakers from the recycling industry.

ASSESSMENTS

- Quizzes: 20%
- Practical Assessments: 40%
- Group Project: 20%
- Final Exam: 20%

TARGET AUDIENCE

- Environmental professionals and practitioners
- Waste management personnel
- Students and graduates in environmental science or related fields
- Community leaders and activists focused on sustainability
- Individuals interested in sustainable practices and environmental protection

KEY TOPICS COVERED

- Introduction to Plastic Waste
- Environmental and Health Impacts
- Plastic Waste Regulations and Policies
- Plastic Recycling Techniques
- Innovative Reuse Strategies
- Developing a Sustainable Plastic Waste Management Plan



Scan the code
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For further Information, please contact:

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