

Wastewater Management

Aim

Aim of this course is to impress the necessity of wastewater management for human health (prevention of water borne diseases), healthy fauna & flora and mitigation of pollution of water bodies via proper wastewater management systems. Person who follows this course will be able to plan wastewater management system and design in their environment contributing to protect the water bodies

Description

This course includes activity richest lessons that enhance the learner's theoretical knowledge as well as the essential skills that they need to enhance their knowledge and skills on Wastewater Management related activities. By the completion of this course, the learner will be more confident in designing e-learning courses and a certificate of satisfactory completion will be issued.

Delivery Method

Web-based

Prerequisites

Degree or equivalent qualifications

Target Group

Engineers, Chemists,

Learning Outcomes

At the end of this course, the learner who follows this course will be able to,

- Plan wastewater management system and design in their environment contributing to protect the water bodies and the environment
- Determine wastewater quality and quantity generated from urban/semi urban and rural areas
- Describe the wastewater collection, treatment and disposal system
- Select suitable wastewater treatment method
- Describe disinfection methods and odor control in wastewater system
- Determine the effluent disposal, sludge management and reuse methods

Course Content

Entire course will be completed in 3 phases.

- Phase 1:
- Phase 2:
- Phase 3:

Maximum Duration for Completion

- Phase 1: Weeks
- Phase 2: Weeks
- Phase 3: Weeks

Required Text and Materials

All required materials are provided through the course.

Additional Requirements

Computer with Internet facilities required.

Facilities Provided

Trainer/Coordinator is available to assist learners. Primary communication is through online chats, forum discussions, email or by phone. Participants will receive the necessary contact information after enrolling the course.

Assessment

To successfully complete this course, students must obtain 80% or higher on the final exam and in the Lesson assessments overall.

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