



COURSE SYLABUS

Environmental Pollution

Credits: 02 (Lectures 02 – Practices 0 – Self-study 06)
Code: MT02001



Expected learning outcomes

Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
Knowledge		
CELO1	Knowing environmental pollution and environmental degradation concepts	ELO1: Apply the knowledge of natural sciences, politics, society, humanities, law, economics and understand contemporary issues in the field of environmental sciences
CELO2	Understanding scale in environmental quality assessment	ELO2: Analyze environmental qualities including design and implement the environmental tests, data collection and interpretation.
CELO3	Understanding harmful effects of pollution on human health, organisms, ecosystems	ELO2: Analyze environmental qualities including design and implement the environmental tests, data collection and interpretation ELO3: Evaluate the impact of resource exploitation and emissions on environmental quality.
CELO4	Understanding criteria in environmental quality assessment	ELO3: Evaluate the impact of resource exploitation and emissions on environmental quality.
Skills		
CELO5	Work in groups and present to make presentations on pollution sources	ELO7: Work in group and Lead the multi-functional team effectively.
Attitude		
CELO6	Take the initiative in studying and researching to update new knowledge about environment and environmental protection.	ELO11: Determine a clear professional orientation, career passion and a sense of lifelong learning.

Brief descriptions

- Chapter 1. Concepts of environmental pollution
- Chapter 2. Air pollution
- Chapter 3. Water pollution
- Chapter 4. Soil pollution



Student tasks

- Attendance: Students must attend at least 75% of the class and participate in class activities.
- Discussion: Students must participate in class discussions; work in groups to make presentations
- Self-study: Students should read; synthesizing materials provided by lecturers through E-learning system, conducting group discussions with the instructor's guidance.

Learning methods

- Join in the discussion, exchange idea in class
- Self-study: reading documents, doing exercises, studying materials
- Group learning: discuss issues related to the Environmental pollution
- E - learning: Search and look up documents; group discussion by topic; do homework

Assessment methods

Diligence:
(10%)

Group discussion
(20%)

Mid-term examination
(20%)

Final examination
(50%)

Key academic staffs

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