



EXPECTED LEARNING OUTCOMES

Upon the completion of the course, student able to

	KNOWLEDGE	SKILLS	ATTITUDE
CELO1	Applying environmental quality assessment criteria in determining information needs and collecting information for monitoring activities		
CELO2	Apply the steps to build a monitoring program for a specific goal		
CELO3	Apply basic principles of sampling methods, sampling techniques, sample preservation and environmental analysis, sample quality control and environmental monitoring data		
CELO4	Develop an environmental quality assessment report		
CELO5	Proficient in planning surveys, surveys, interviews, collecting secondary data, developing plans for monitoring environmental quality of soil, water, air, waste		
CELO6	Perform information processing, report development and report presentation		
CELO7	Actively learning and updating knowledge, forming professional ethics, taking responsibility in environmental assessment for sustainable development		



BRIEF DESCRIPTION

- Chapter 1. Environmental monitoring concept
- Chapter 2. Build environmental monitoring programs
- Chapter 3. Techniques in environmental monitoring sampling
- Chapter 4. Methods of analyzing environmental parameters
- Chapter 5. Evaluate and publish environmental monitoring results



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 impact aspects of the project
- E - learning: Search and look up documents; group discussion by topic; do homework



ASSESSMENT METHODS

Grading scale: 10		Evaluation:	
Discussion and individual exercises (30%)	Group discussion and presentation (20%)	Final exam (50%)	



STUDENT TASKS

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



KEY ACADEMIC STAFFS

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