COURSE SYLLABUS

ENVIRONMENTAL MANAGEMENT

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

Code: MT 02011

Indicator	Upon the completion of the course, student able to	Expected learning outcomes of program
Knowledge		
CELO1	Explain the relationship between components in the environmental system	ELO2: Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results.
CELO2	Analyze environmental quality and the relationship between environment and development	ELO2: Analyze environmental quality including designing and conducting experiments, collecting data, and interpreting results.
CELO3	Appraise the principles, objectives, content and scientific basis of environmental management	ELO3: Evaluate the impact of natural resource exploitation and emissions on environmental quality.
CELO4	Select of legal, economic and technical tools for environmental management	ELO4: Develop sustainable solutions for the management and protection of the environment and natural resources based on different perspectives of natural science, social science, and humanities.
Skills		
CELO5	Understand references in the field of Environment including English	ELO 6: Apply systematic, critical, and creative thinking in solving problems in the environmental and related fields.
CELO6	Planning, working independently, team work	ELO7: Work in group and Lead the multi-functional team effectively.
CELO7	Summarize related references, write and present reports on the current situation of environmental management	ELO 9: **Apply** appropriate approaches, suitable methods, and techniques to investigate, survey, and study environmental problems
CELO8	Use computers skills such as Microsoft word, excel and PowerPoint in studying and working	ELO 10: Use modern technology, equipment, and techniques in the management and protection of the environment and natural resources.
Attitude		
CELO9	Study and research, update knowledge proactively related to the environment management	ELO11: **Define** a clear career orientation; possess a passion for one's career and a sense of lifelong learning.
CELO10	Establish habits and self-awareness attitude in environmental protection for sustainable development	ELO12: **Demonstrate** ethical standards of the profession, carrying out the responsibility of environmental protection and serving the sustainable development of Vietnam and the world.

Course contents

Chapter 1. The basics of environmental management

Chapter 2. Scientific basis of environmental management

Chapter 3. Tools in environmental management

Chapter 4. State management system on environmental protection

Chapter 5. Environmental management for urban and industrial areas

Chapter 6. Environmental management for rural areas and trade villages

Learning methods

- Join in the discussion, exchange idea in class
- Self-study: reading documents, doing exercises, studying materials provided by lecturers through online learning (E-learning; MS teams)
- Group learning: discuss issues related to the environmental management
- Writing an essay and doing presentation

Evaluation and grading

- Grading scale: 10
- Evaluation:

Class participation	Assignment for mid-term	Final examination
10%	30%	60%

Responsibility of students

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

Key lecturers

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