

COURSE OUTLINE

1. GENERAL

SCHOOL	ENGINEERING		
DEPARTMENT	ENVIRONMENTAL ENGINEERING		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	15ΔΥ6Ν	SEMESTER	4
COURSE TITLE	ENVIRONMENTAL ECONOMICS – CORPORATE ENVIRONMENTAL PERFORMANCE		
TEACHING ACTIVITIES <i>If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.</i>	TEACHING HOURS PER WEEK	ECTS CREDITS	
	6	5	
<i>Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.</i>			
COURSE TYPE <i>Background, General Knowledge, Scientific Area, Skill Development</i>	SCIENTIFIC AREA		
PREREQUISITES:	TECNO-ECONOMICS		
TEACHING & EXAMINATION LANGUAGE:	GREEK, ENGLISH (FOR ERASMUS STUDENTS)		
COURSE OFFERED TO ERASMUS STUDENTS:	YES		
COURSE URL:	https://eclass.duth.gr/courses/TMC316/		

2. LEARNING OUTCOMES

Learning Outcomes

Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.

- The Environmental Economics -Corporate Environmental Performance course aims to provide students with the basic principles of economics, environmental economics and corporate environmental performance. The course aims also to familiarize students with the applications that the use of economics and management can offer in solving environmental problems. Upon successful completion of the course the student will have:
 - - Understand the importance of the basic concepts of economics,
 - - understand the mechanisms of the economy and society,
 - - understand how the economy and environmental systems are interconnected.
 - - become familiar with the concepts of environmental microeconomics.
 - - become familiar with the concepts of macroeconomic environment.
 - - understand the ways in which businesses operate.
 - - be able to apply environmental business management techniques.
 - - be able to analyse environmental information of enterprises.
 - - be able to draw up environmental management programmes.
 - - obtain competence in economic analysis of environmental management of enterprises.

General Skills

Name the desirable general skills upon successful completion of the module

Search, analysis and synthesis of data and information, Project design and management

<p><i>ICT Use</i></p> <p><i>Adaptation to new situations</i></p> <p><i>Decision making</i></p> <p><i>Autonomous work</i></p> <p><i>Teamwork</i></p> <p><i>Working in an international environment</i></p> <p><i>Working in an interdisciplinary environment</i></p> <p><i>Production of new research ideas</i></p>	<p><i>Equity and Inclusion</i></p> <p><i>Respect for the natural environment</i></p> <p><i>Sustainability</i></p> <p><i>Demonstration of social, professional and moral responsibility and sensitivity to gender issues</i></p> <p><i>Critical thinking</i></p> <p><i>Promoting free, creative and inductive reasoning</i></p>
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<p>Search, analysis and synthesis of data and information, using the necessary technologies</p> <ul style="list-style-type: none"> - Decision-making - Autonomous work - Group work - Generating new research ideas - Generating new research ideas - Respect for the natural environment - Promotion of free, creative and deductive thinking

3. COURSE CONTENT

<ol style="list-style-type: none"> 1. Introduction to economics 2. Consumer theory analysis 3. Business cost theory analysis 4. Business product theory analysis. 5. Production function analysis. 6. Analysis of the consumption, savings and government expenditure function. 7. Analysis of a two-sector model. 8. Analysis of a three-sector model. 9. Theories of environmental performance of firms. 10. Techniques for applying business environmental performance techniques. 11. Techniques for measuring the environmental performance of business. 12. Techniques for disclosing information on the environmental performance of enterprises. 13. Techniques for business cooperation on environmental management issues.

4. LEARNING & TEACHING METHODS - EVALUATION

<p>TEACHING METHOD</p> <p><i>Face to face, Distance learning, etc.</i></p>	Face to face	
<p>USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)</p> <p><i>Use of ICT in Teaching, in Laboratory Education, in Communication with students</i></p>	Use of ICT during teaching and communication with students.	
<p>TEACHING ORGANIZATION</p> <p><i>The ways and methods of teaching are described in detail.</i></p> <p><i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research & analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.</i></p> <p><i>The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.</i></p>	Activity	Workload/semester
	Lectures	80
	Design exercises	30
	Literature review	10
	Individual projects	30
	Project presentation	0
	Field trips	0
	Course total	150
<p>STUDENT EVALUATION</p> <p><i>Description of the evaluation process</i></p> <p><i>Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development</i></p>	<p>Formative</p> <p>Final exams</p>	

Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others

Please indicate all relevant information about the course assessment and how students are informed

5. SUGGESTED BIBLIOGRAPHY

1. Βιβλίο [31895]: Οικονομική θεώρηση περιβαλλοντικής προστασίας, Μπίθας Κωνσταντίνος Π.
2. Βιβλίο [94691942]: ΤΟ ΟΙΚΟΝΟΜΙΚΟ ΠΛΑΙΣΙΟ, Νικολάου Ε. Ιωάννης, Ευαγγελινός Ι. Κωνσταντίνος, Σοφούλης Μ. Κωνσταντίνος
3. Βιβλίο [59376749]: Διαχείριση του Περιβάλλοντος, Σ.Καρβούνης, Δ. Γεωργακέλλος

ANNEX OF THE COURSE OUTLINE

Alternative ways of examining a course in emergency situations

Teacher (full name):	Dimitrios Komilis
Contact details:	dkomilis@env.duth.gr
Supervisors: (1)	YES
Evaluation methods: (2)	Exams by distance. Laboratory exercises presented as recorded videos. Laboratory reports submitted electronically.
Implementation Instructions: (3)	<p>The examination in the course will be initiated with the entrance of all students into the platform and then a multiple choice test will be realized via eclass.</p> <p>The test will be performed using Microsoft Teams and E-class. The link will be sent to students via eclass exclusively to the institutional accounts of those who have registered in the course and have accepted the terms of distance education.</p> <p>Students will have to log into the examination room through their institutional account, otherwise they will not be able to participate.</p> <p>They will also take part in the examination with a camera which they will have it turned on during the whole examination. Before the start of the exam, students will demonstrate their ID card and face to the camera, so that they can be identified by the examiner.</p>

(1) Please write YES or NO

(2) Note down the evaluation methods used by the teacher, e.g.

- *written assignment* or/and exercises
- written or oral examination with distance learning methods, provided that the integrity and reliability of the examination are ensured.

(3) In the **Implementation Instructions** section, the teacher notes down clear instructions to the students:

a) in case of **written assignment and / or exercises**: the deadline (e.g. the last week of the semester), the means of submission, the grading system, the grade percentage of the assignment in the final grade and **any other necessary information**.

b) in case of **oral examination with distance learning methods**: the instructions for conducting the examination (e.g. in groups of X people), the way of administration of the questions to be answered, the distance learning platforms to be used, the technical means for the implementation of the examination (microphone, camera, word processor, internet connection, communication platform), the hyperlinks for the examination, the duration of the exam, the grading system, the percentage of the oral exam in the final grade, the ways in which the inviolability and reliability of the exam are ensured and any other necessary information.

c) in case of **written examination with distance learning methods**: the way of administration of the questions to be answered, the way of submitting the answers, the duration of the exam, the grading system, the percentage of the written exam of the exam in the final grade, the ways in which the integrity and reliability of the exam are ensured and any other necessary information.

There should be an attached list with the Student Registration Numbers only of students eligible to participate in the examination.