COURSE OUTLINE

1. GENERAL

SCHOOL	ENGINEERING
DEPARTMENT	ENVIRONMENTAL ENGINEERING
LEVEL OF STUDIES	UNDERGRADUATE
COURSE CODE	ΠΕ **SEMESTER** 7
COURSE TITLE	GREEN ENTREPRENEURSIP

TEACHING ACTIVITIES *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.*	**TEACHING HOURS PER WEEK**	**ECTS CREDITS**
	3	5
Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.		

COURSE TYPE *Background, General Knowledge, Scientific Area, Skill Development*	SCIENTIFIC AREA
PREREQUISITES:	Environmental Economics – Corporate Environmental Perfromance
TEACHING & EXAMINATION LANGUAGE:	GREEK, ENGLISH (FOR ERASMUS STUDENTS)
COURSE OFFERED TO ERASMUS STUDENTS:	YES
COURSE URL:	https://eclass.duth.gr/courses/TMC285/

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 Green Entrepreneurship course aims to provide students with the basic principles of entrepreneurship, entrepreneurship and environmental management. The aim of the course is to familiarize students with the applications that the use of entrepreneurship can offer in solving environmental problems. Upon successful completion of the course the student will have:
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- - Understand the importance of the basic concepts of entrepreneurship,
- - Understand the key concepts of entrepreneurship and the basic principles of entrepreneurship; understand the mechanisms of the economy and society,
- - understand how to find new business opportunities.
- - become familiar with the concepts of green entrepreneurship.
- - become familiar with the drafting of a business plan.
- - understand economic analysis techniques for green entrepreneurship.
- - acquire the ability to develop a business plan for green business ideas.

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
ICT Use	Equity and Inclusion
Adaptation to new situations	Respect for the natural environment
Decision making	Sustainability
Autonomous work	Demonstration of social, professional and moral responsibility and sensitivity to gender issues
Teamwork	

Working in an international environment	*Critical thinking*
Working in an interdisciplinary environment	*Promoting free, creative and inductive reasoning*
Production of new research ideas	

Search, analysis and synthesis of data and information, using the necessary technologies
- Decision-making
- Teamwork
- Generating new research ideas
- Generating new research ideas
- Respect for the natural environment
- Promotion of free, creative and deductive thinking

3. COURSE CONTENT

1. Introduction to the science of entrepreneurship.
2. Analysis of the concepts of Entrepreneur and Enterprise
3. Theories of Entrepreneur.
4. Theories of Green Entrepreneurship.
5. Green Entrepreneur Theories.
6. Introduction to Business plan
7. Analysis of Business Idea.
8. Analysis of Strategy - Strategy Canvas.
9. Analysis of Competitiveness Matrix.
10. PEST Analysis.
11. SWOT analysis.
12. Environmental Marketing Analysis.
13. Economic Analysis of Business Idea.

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD *Face to face, Distance learning, etc.*	Face to face
USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT) *Use of ICT in Teaching, in Laboratory Education, in Communication with students*	Use of ICT during teaching and communication with students.

TEACHING ORGANIZATION *The ways and methods of teaching are described in detail.* *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.* *The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.*	**Activity**	**Workload/semester**
	Lectures	80
	Design exercises	10
	Literature review	10
	Individual projects	50
	Project presentation	0
	Field trips	0
	Course total	**150**

STUDENT EVALUATION *Description of the evaluation process* *Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others*	Formative Final exams

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

5. SUGGESTED BIBLIOGRAPHY

1. Βιβλίο [22714756]: Από την κρίση στη βιώσιμη ανάπτξη, Μπαμπανάσης Σ.
2. Βιβλίο [59397350]: Επιχειρηματικότητα και μικρές Επιχειρήσεις 2η Έκδοση, David Deakins, Mark Freel

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)	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. 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. Students will have to log into the examination room through their institutional account, otherwise they will not be able to participate. 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.

(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.