



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Α.ΔΙ.Π.
ΑΡΧΗ ΔΙΑΣΦΑΛΙΣΗΣ & ΠΙΣΤΟΠΟΙΗΣΗΣ
ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΣΤΗΝ ΑΝΩΤΑΤΗ
ΕΚΠΑΙΔΕΥΣΗ

HELLENIC REPUBLIC
H.Q.A.A.
HELLENIC QUALITY ASSURANCE
AND ACCREDITATION AGENCY

ΤΕΧΝΟΛΟΓΙΚΟ ΕΚΠΑΙΔΕΥΤΙΚΟ ΙΔΡΥΜΑ ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ ΚΑΙ ΘΡΑΚΗΣ
ΜΟΝΑΔΑ ΔΙΑΣΦΑΛΙΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΕΙ ΑΜΘ

Quality Assurance in Higher Education
Course Data Collection Form

ΤΕΧΝΟΛΟΓΙΚΟ ΕΚΠΑΙΔΕΥΤΙΚΟ ΙΔΡΥΜΑ
ΑΝΑΤΟΛΙΚΗΣ ΜΑΚΕΔΟΝΙΑΣ & ΘΡΑΚΗΣ
ΑΓΙΟΣ ΛΟΥΚΑΣ,
65404 ΚΑΒΑΛΑ

EASTERN MACEDONIA AND THRACE
INSTITUTE OF TECHNOLOGY
AGIOS LOUKAS
65404 KAVALA

COURSE OUTLINE

1. GENERAL

SCHOOL	School of Technological Applications		
ACADEMIC UNIT	Department of Electrical Engineering		
DEGREE LEVEL	Undergraduate		
COURSE CODE	ZN8	SEMESTER	7 th
COURSE TITLE	ENVIRONMENTAL IMPACT ASSESMENT		
INDEPENDENT TEACHING ACTIVITIES <i>if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits</i>	WEEKLY TEACHING HOURS	CREDITS	
Lectures	2	3	
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	General Knowledge		
Required passed courses:	-		
TEACHING AND EXAMS LANGUAGE:	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS:	No		
COURSE WEBPAGE (URL)	http://eclass.teikav.edu.gr/ED168/		

2. LEARNING OUTCOMES

<p>Learning outcomes</p> <p><i>The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.</i></p> <p><i>Consult Appendix A</i></p> <ul style="list-style-type: none"> • <i>Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area</i> • <i>Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B</i> • <i>Guidelines for writing Learning Outcomes</i> 																		
<p>The course objective is the familiarization of the student with the environmental confrontation of works, which are planned or constructed and their introduction in the institutional framework (Laws, PO, NMD) about environmental protection. Application of the laws for environmental protection will be done for each case, through the environmental impact assessment of a specific work with the application of the appropriate legislature. The students will acquire the basic knowledge for writing environmental impact pre-assessments and assessments, which are essential for any work to take place.</p> <p>Upon successful completion of the course the student should be able to:</p> <ul style="list-style-type: none"> • Know the way nature functions and ways to protect and improve the environment. • Identify the environmental impacts that result from various activities or works. • Know the environmental legislature. • Know the basic principles for environmental impact assessment elaboration. 																		
<p>General Competences</p> <p><i>Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i></td> <td style="width: 50%; border: none;"><i>Project planning and management</i></td> </tr> <tr> <td style="border: none;"><i>Adapting to new situations</i></td> <td style="border: none;"><i>Respect for difference and multiculturalism</i></td> </tr> <tr> <td style="border: none;"><i>Decision-making</i></td> <td style="border: none;"><i>Respect for the natural environment</i></td> </tr> <tr> <td style="border: none;"><i>Working independently</i></td> <td style="border: none;"><i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i></td> </tr> <tr> <td style="border: none;"><i>Team work</i></td> <td style="border: none;"><i>Criticism and self-criticism</i></td> </tr> <tr> <td style="border: none;"><i>Working in an international environment</i></td> <td style="border: none;"><i>Production of free, creative and inductive thinking</i></td> </tr> <tr> <td style="border: none;"><i>Working in an interdisciplinary environment</i></td> <td style="border: none;">.....</td> </tr> <tr> <td style="border: none;"><i>Production of new research ideas</i></td> <td style="border: none;"><i>Others...</i></td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">.....</td> </tr> </table> <ul style="list-style-type: none"> • Search, analysis and synthesis of data and information, using the necessary technology 	<i>Search for, analysis and synthesis of data and information, with the use of the necessary technology</i>	<i>Project planning and management</i>	<i>Adapting to new situations</i>	<i>Respect for difference and multiculturalism</i>	<i>Decision-making</i>	<i>Respect for the natural environment</i>	<i>Working independently</i>	<i>Showing social, professional and ethical responsibility and sensitivity to gender issues</i>	<i>Team work</i>	<i>Criticism and self-criticism</i>	<i>Working in an international environment</i>	<i>Production of free, creative and inductive thinking</i>	<i>Working in an interdisciplinary environment</i>	<i>Production of new research ideas</i>	<i>Others...</i>	
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- Adaptation to new situations
- Decision Making
- Autonomous work
- Teamwork
- Design and Management of works
- Respect to natural environment

3. COURSE CONTENT

<p>I. General meanings. Nature of environmental impact prediction.</p> <p>II. Works and activities for environmental impact prediction.</p> <p>III. Field of reporting and environmental impact prediction stages, involved bodies and staff.</p> <p>IV. Definition of environmental impact assessment and environmental impact pre- assessment, cause, terminology and distinction.</p> <p>V. Legislature framework and process of delegation, compilation and submission process of environmental impact assessment.</p> <p>VI. Methodology of environmental impact assessment elaboration.</p> <p>VII. Problems of exact prediction, methods of prediction. Techniques of identification, impression and collection, specification of work characteristics and basic environmental definitions, environmental impact prediction, definition of impact importance for decision-making, public consultation and participation.</p> <p>VIII. Specifications, content and environmental impact assessment evaluation.</p> <p>IX. Environmental information. Inform civilians and bodies for the content of environmental impact assessment.</p> <p>X. Environmental impact assessment writing. Environmental impact assessment examples and applications.</p>	<p>I.</p>
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4. TEACHING AND LEARNING METHODS - ASSESSMENT

<p>TEACHING METHOD <i>Face-to-face, Distance learning, etc.</i></p>	Room Lecture																			
<p>UTILISATIONS OF INFORMATION AND COMMUNICATION TECHNOLOGIES <i>Use of ICT in teaching, laboratory education, communication with students</i></p>	Syllabus organization in PPT slides. Learning process support through e-class electronic Contact via email.																			
<p><i>The manner and methods of teaching are described in detail.</i> <i>Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.</i></p> <p><i>The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS</i></p>	<table border="1"> <thead> <tr> <th><i>Activity</i></th> <th><i>Semester workload</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td style="text-align: center;">26</td> </tr> <tr> <td>Development of study assesment and present in front of audience using ppt slides.</td> <td style="text-align: center;">20</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>Self-contained coursework</td> <td style="text-align: center;">30</td> </tr> <tr> <td>Course Summary <i>(25 workload per credit)</i></td> <td style="text-align: center;">76</td> </tr> </tbody> </table>	<i>Activity</i>	<i>Semester workload</i>	Lectures	26	Development of study assesment and present in front of audience using ppt slides.	20									Self-contained coursework	30	Course Summary <i>(25 workload per credit)</i>	76	
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<p>STUDENT ASSESSMENT <i>Description of the evaluation procedure</i></p> <p><i>Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other</i></p>	<p>Assessment language is Greek.</p> <p>Assessment is done with final exams consisting of structure analysis of an assessment of an environmental impact with a subject that is announced to the student during the examination time.</p> <p>Provided that there is the study assessment an offset of the two assessments is occurring.</p>																			

<i>Specifically-defined evaluation criteria are given, and if and where they are accessible to students.</i>	
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5. RECCOMENDED READING

- *Suggested bibliography:*

- *Related academic journals:*

- N. Kotsovinos "Pollution and Environmental Protection", Democritus University of Thrace, Xanthi, 1985
- G. Vavizos, K. Zannaki, "Ecological theory and practice in environmental studies", Athens, 1998
- N. Moussiopoulos, "Specifications for environmental impact studies. Analytical determination of principles, guidelines and orientations" publishing Ziti, AUTH, 1998, ISBN: 960-431-566-8
- G. Vavizos - A. Mertzanis, "Environment, Environmental Impact studies", Papasotiriou, 2003, ISBN 960-7530-03-9