COURSE OUTLINE

1. GENERAL

SCHOOL	APPLIED SCIENCES		
DEPARTMENT	ENVIRONMENTAL ENGINEERING – DIVISION : ENVIRONMENTAL GEOTECHNOLOGY		
LEVEL OF STUDY	UNDERGRADUATE		
COURSE UNIT CODE	GE5590	**SEMESTER OF STUDY**	4th
COURSE TITLE	FOREIGN LANGUAGE TERMINOLOGY		

COURSEWORK BREAKDOWN	**TEACHING WEEKLY HOURS**	**ECTS Credits**
LECTURES	3	5
LAB	1	

COURSE UNIT TYPE	SPECIFIC BACKGROUND COURSE
PREREQUISITES : **MODULE RECOMMENDATIONS:**	- Good knowledge of English (Language level B1, in accordance with the Joint European Framework for Modern Languages)
LANGUAGE OF INSTRUCTION/EXAMS:	English - Greek
COURSE DELIVERED TO ERASMUS STUDENTS	NO
MODULE WEB PAGE (URL)	**http://geope.teikoz.gr/undergraduate/ug_studies.htm**

2. LEARNING OUTCOMES

Learning Outcomes

On successful completion of the course the learners will be able to:

1. Apply reading strategies to reading comprehension of authentic academic and technical texts related to the specialty of Environmental Geotechnology, by activating background knowledge of Environmental Geotechnology topics.
2. Identify and apply grammatical structures and specialist lexis.
3. Apply speaking and listening strategies to meet his/her communication needs.
4. Produce short academic and technical texts , (reports, descriptions, instructions, etc.)
5. Interpret and analyse information in diagrams, tables, etc.

General Skills

Upon successful completion of the programme students will:

-have the basic theoretical and practical knowledge in the fields of the subject area of Geotechnology

and Environmental Engineering

-be able to properly apply the theoretical and practical knowledge acquired during the study period

-be able to cover a wide spectrum of scientific and technical knowledge related to mining and geotechnical projects as well as the sector of environmental reclamation

-have gained the necessary competencies to proceed to their second cycle study.

LECTURES :

The major concern of the course is in teaching specialized lexical and grammatical discourse elements in order to:

- familiarize students with scientific and technical English texts thematically related to the specialty of Environmental Geotechnology , focusing on content rather than grammar and with a view to using manuals and reference material.
- contribute to the development of linguistic skills required in students' participation in postgraduate studies and European Programmes, as well as in meeting their communication needs both on educational, as well as on occupational level.

LAB: Practice via CALL (Computer Assisted Language Learning)-based exercises, i.e. filling in information in sentences, paragraphs, or larger ESP(English for Specific Purposes) texts, matching information, word building, etc.

3. COURSE CONTENTS

Α) ΘΕΩΡΙΑ

I. ENVIRONMENTAL GEOTECHNOLOGY
II. AIMS OF ENVIRONMENTAL GEOTECHNOLOGY
III. ENVIRONMENTAL CYCLES AND THEIR INTERACTION WITH GEOTECHNOLOGY
IV. THE CYCLES OF NATURE- WATER STABILITY IN NATURAL ENVIRONMENTAL SYSTEMS
V. MAN-MADE ENVIRONMENT
VI. ACID RAIN AND ACID DRAINAGE
VII. ENVIRONMENTAL GEOTECHNICAL PROBLEMS
VIII. POLLUTION PROCESSES AND SOIL-POLLUTION INTERACTION
IX. PURSUING A CAREER (CVs)
X. PURSUING A CAREER (INTERVIEWS)
XI. PURSUING A CAREER (LETTER WRITING I)
XII. PURSUING A CAREER (LETTER WRITING II)

Β) ΕΡΓΑΣΤΗΡΙΟ

- **GRAMMAR**
- *Revision of Tenses*
- *Passive Voice*
- *Relative Clauses*
- *Gerunds and Infinitives*
- *Present and Past Participles*
- *Linking Devices*
- *Word Building(Derivatives, Prefixes)*
- **LISTENING EXERCISES**
- **READING COMPREHENSION**

4. TEACHING METHODS - ASSESSMENT

MODE OF DELIVERY	Face to Face

USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	- WIDA Software (authoring programme) with the possibility of tailored made exercises meeting the course and the material taught requirements. - Electronic platform e-class
TEACHING METHODS	

Method description	*Semester Workload*
Lectures	75
Lab Practice	25
Self Study	25
Total Semester Workload	**125**

ASSESSMENT METHODS	**I. End of Semester Formal Examination (60%) including:** -Multiple Choice Questions -True-False Reading Comprehension Questions - Derivatives -Grammatical Structures -Specialised Lexical Discourse Features -Vocabulary Expansion (Prefixes-Suffixes) -Production of short academic and technical texts , reports and paraphrasing. **II. Mid-Semester Examination (40%)**

5. RESOURCES

- *Recommended Book Resources:*
- *Recommended Article/Paper Resources:*

http://enwikipedia.org

http://.eclecticenglish.com

http://englishpage.com

http://techdictionary.com

http://yourdictionary.com

http://europass.cedefop.+europa.eu

Hsai-Yang Fang (1997*) Introduction to Environmental Geotechnology,*

Lundgren, L. (1986) *Environmental Geotechnology*
Theodore, M.K. (1996) *Major Environmental Issues facing* the 21st *century,*
Theodore, L.

Yates, C.S.J. (1988) *Earth Sciences,*

Zimmerman, F. (1989) *English for Science*