

1.GENERAL

SCHOOL

FACULTY OF ENGINEERING

ACADEMIC UNIT

PETROLEUM AND MECHANICAL ENGINEERING

LEVEL OF STUDIES

UNDERGRADUATE

COURSE CODE

PM701

SEMESTER

Seventh

ΑΓΓΛΙΚΑ (ΤΕΧΝΙΚΗ ΟΡΟΛΟΓΙΑ)

Συντάχθηκε απο τον/την kazanidis
Πέμπτη, 29 Οκτώβριος 2015 12:43 -

COURSE TITLE

ENGLISH LANGUAGE (technological terminology)

INDEPENDENT TEACHING ACTIVITIES

if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If

WEEKLY TEACHING HOURS

CREDITS

Theory

2

Exercises

Laboratory

2

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Add rows if necessary. The organisation of teaching and the teaching methods used are described in de

4.5

COURSE TYPE

general background,

special background, specialised general knowledge, skills development

Special background and specialised general knowledge and skills developed

PREREQUISITE COURSES:

LANGUAGE OF INSTRUCTION and EXAMINATIONS:

English

IS THE COURSE OFFERED TO ERASMUS STUDENTS

YES

COURSE WEBSITE (URL)

2. LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework for Lifelong Learning*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and*
- *Guidelines for writing Learning Outcomes*

To impart on the students, the ability to understand texts and articles and read bibliography in the English

To expand the students' knowledge of English in written, oral form as well as in listening comprehension

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear

Search for, analysis and synthesis of data and information, with the use of the necessary technology

Adapting to new situations

Decision-making

Working independently

Team work

Working in an international environment

Working in an interdisciplinary environment

Production of new research ideas

Project planning and management

Respect for difference and multiculturalism

Respect for the natural environment

Showing social, professional and ethical responsibility and sensitivity to gender issues

Criticism and self-criticism

Production of free, creative and inductive thinking

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Others...

.....

This course gives the students the opportunity to expand their general knowledge of English into a more

SYLLABUS

For the theory certain authentic texts with specialised terminology are presented to the students with lots

The purpose of the laboratory classes is to familiarise students with critical thinking. The classes are bas

- Different text and exercises to ensure that the students become familiar with the requirements of a
- Sentence recognition and paragraph structure.
- Punctuation and paragraph development methods (definition, exemplification, cause and effect.)
- Note-taking and abbreviation, memos, minutes and e-mail writing.
- Data commentary and analysis and problem solution.
- Writing summaries
- Varied writing, especially formal letters, cover letters, references, and CVs.
- Reports, abstracts, research papers, referencing and bibliography writing.

The above are presented to the students through texts, templates and written exercises.

DELIVERY

Face-to-face, Distance learning, etc.

Lecturing through physical presence

USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

Use of ICT in teaching, laboratory education, communication with students

High quality electronic presentations with multimedia integration (powerpoint, internet, videos and listeni

TEACHING METHODS

The manner and methods of teaching are described in detail.

Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements

The student's study hours for each learning activity are given as well as the hours of non-directed study

Activity

Semester workload

Lectures

32

Theoretical study

30

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Task assignment

5

Team task assignments

10

Laboratory practice

32

Students study hours

26

Course total

135 hours

STUDENT PERFORMANCE EVALUATION

Description of the evaluation procedure

Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaire.

Specifically-defined evaluation criteria are given, and if and where they are accessible to students.

Language of evaluation: English

The students undertake a laboratory examination at the end of the 7th semester.

There are multiple choice and short answer questions.

The students also undertake a theory examination at the end of the 7th semester.

This consists of reading comprehension text with comprehension questions (short or summative and con

The students receive 50% of their final mark from the results of the laboratory exam and 50% from the re

Under certain circumstances (for example, students from previous years that have attended class, but fa

-	<i>Suggested bibliography</i>
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- Panourgia E., Integrating Technical & Academic Writing into your English Course, Theory and Pra
- Glendinning Eric H. & Glendinning Norman, Oxford English for Electrical and Mechanical Engineer
- Oil and Natural Gas – English, Society of Petroleum Engineers, 2007, ISBN: 978-0-7566-3879-5.
- Freeman Harry M., Industrial Pollution Prevention Handbook, McGraw-Hill, Inc., New York, 1995.
- Artiola Janick F, Brusseau M., Pepper I. L., Environmental Monitoring and Characterization, Elsevi

Internet Sources

- Devold H., Oil & Gas Production Handbook: An introduction to Oil and Gas Production, ABB, 2006. (<http://folk.ntnu.no/onshus/Oil%20and%20gas%20production%20handbook%20ed1x3a5%20comp.pdf>)
- Educational Videos from the Society of Petroleum Engineers on YouTube (<https://www.youtube.com/user/2012SPE>)

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