

GUÍA DOCENTE POR ASIGNATURA 2016-17

Codi:	24056, 24018
Nom de l'assignatura:	Oral and written communication

No informat

Number of credits ECTS::	3.0
Language/s:	Anglès
Type:	Normal
Professor/s:	O`Leary ., Clodagh

DESCRIPTION

BRIEF DESCRIPTION AND JUSTIFICATION

This English course covers all four of the major linguistic skills of oral expression, oral comprehension, written expression and written comprehension. The aim of the course is to enable students to attain at least B2 in the Common European Framework.

Students need to participate actively in all classes throughout the course and also work independently in order to improve their linguistic skills. Students will also learn effective communication skills for scientific and technical professionals and prepare project presentations. At the end of the course they should be able to both give and understand presentations and speeches as well as being able to participate in meetings conducted entirely in English.

COMPETENCIES

E3: Ability to understand and use general knowledge of Technical English in the practice of Chemical Engineering and Chemistry.

T1: Ability to communicate effectively both orally and in writing.

T2: Ability to use English as a foreign language.

PREREQUISITES

CONTENTS

Extensive practice of all linguistic skills and preparation for the TOEFL IBT exam.

Glossary of specific vocabulary.

A selection of texts covering these areas (below):

Organic Chemistry: Radical Reactions.

Free Radicals.

Conformations and configurations.

Pentavalent Carbon.

Thermodynamic properties of real fluids.

Thermodynamic and Kinetic Control

Work study and Ergonomics

Information Collection

Motion Study

Cycle and Crono cycle graphs

Handling material

Quantitative Approaches of Forecasting

Project Presentations.

Grammatical content to include:

All verbal tenses.

Modal verbs.

The passive voice.

Comparative and superlatives.

Conditionals and hypothetical structures.

Direct and indirect questions.

Transitive and intransitive verbs.

Gerunds and Infinitives.

Phrasal verbs.

The advanced use of adjectives and adverbs.

Negative Inversions.

METHODOLOGY

TRAINING ACTIVITIES:

Training activities	ECTS Credits	Competencies
Concept Sessions	0.4	E3, T1, T2
Sessions solving exercises, problems and cases	1	E3, T1, T2
Seminars	-	-
Compulsory activities at the teacher's office	-	-
Practical work / laboratory	-	-
Presentations	0.4	E3, T1, T2
Personal study activities of students	1.1	E3, T1, T2
Evaluation activities (testing, monitoring controls ...)	0.1	E3, T1, T2
TOTAL	3	

EXPLANATION OF TEACHING METHODOLOGY

This is an integrated course in which all four linguistic skills are exercised thoroughly. Semantic fields are based on different Chemical Engineering and Chemical topics. Specific vocabulary is studied in depth and ample opportunity given for practising it. Written project work is set and deadlines for submitting this work must be met. The course also includes presentation preparation, grammar exercises and reading comprehension.

EVALUATION

METHODS OF EVALUATION

Evaluation Methods	Weight	Competencies
Final exam	40%	E3, T1, T2
Partial exams	40%	-
Following up activities	5%	E3, T1, T2
Homework and presentations	10%	E3, T1, T2
Experimental work or fieldwork	-	-
Projects	-	-
Evaluation of the company or institution	-	-
Participation	5%	E3, T1, T2

LEARNING OUTCOMES

- The student must demonstrate ability to understand and use general knowledge of technical English in the practice of Chemistry and Chemical Engineering [E3]. (Final exam, Follow-up activities, Papers and Presentations, Participation).
- The student must demonstrate ability to communicate effectively both orally and in writing using English as a Foreign Language [T1, T2]. (Final exam, Follow-up activities, Papers and Presentations, Participation).

EVALUATION

First examination session:

Final exam	40%
Partial exam	40%
Follow-up activities	5%
Papers and presentations	10%
Participation	5%

Following examination sessions:

Exam	100%
Follow-up activities	-
Papers and presentations	-
Participation	-

EVALUATION OF COMPETENCIES

The exam mark is used to evaluate the competency E3 (Ability to understand and use general knowledge of technical English in the practice of Chemistry and Chemical Engineering).

The mark of papers and presentations is used to assess competency T1 (Ability to communicate effectively both orally and in writing).

Overall mark will be used to evaluate the competency T2 (Ability to use English as a foreign language).

BIBLIOGRAPHY

Bibliography

Murphy, R. (1994). English Grammar in Use: Cambridge: Cambridge University Press.

The complete guide to the TOEFL test IBT (HEINLE/CENGAGE) IBT edition. Bruce Rogers.

DOCUMENT RECORD

PREVIOUS CHANGES

LAST REVISION

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