

[GCG101] SCIENTIFIC AND TECHNICAL ENGLISH

GENERAL INFORMATION

Studies	DEGREE IN ENGINEERING IN ECO-TECHNOLOGY IN INDUSTRIAL PROCESS		Subject	LANGUAGES
Semester	1	Course	2	Mention / Field of specialisation
Character	OPTIONAL		Language	ENGLISH
Plan	2017	Modality	Adapted Face-to-face	Total hours
Credits	3	Hours/week	2.5	45 class hours + 30 non-class hours = 75 total hours

Note: Considerations concerning academic activities: Some teaching activities have been planned to be carried out face to face, others online and others both ways. If physical presence is reduced due to the COVID, some face to face activities will be carried out either online or will be replaced by others.

Note: Considerations concerning the assessment system: Assessment criteria percentages or the assessment criteria itself can be modified due to the COVID, if the online context prevails over the physical presence.

PROFESSORS

AZPI-RUIZ DE ARETXABAETA, ESTI (ML)

REQUIRED PREVIOUS KNOWLEDGE

Subjects	Knowledge
(No specific previous subjects required)	(No previous knowledge required)

SKILLS

VERIFICA SKILLS

GENERAL

G_CB6 - To be able to respond adequately in complex situations or situations that call for innovative solutions in both the academic field and work environments within their field of study;

CROSS

GCCTR1 - To be able to work in multidisciplinary, multilingual environments, and to effectively communicate knowledge, procedures, results and ideas about Eco-technologies for industrial Processes both verbally and in writing.

BASIC

G_CB2 - To be able to apply knowledge to occupational or professional tasks; have the necessary skills to pose and defend arguments, and to solve problems within their field of study

G_CB4 - To be able to communicate information, ideas, problems and solutions to both expert and lay audiences

LEARNING RESULTS

RG204 Define the problem, develop the solution and present the conclusions in a efficient manner, arguing and justifying each one of them in writing.

LEARNING ACTIVITIES

	CH	NCH	TH
Individual study and work, tests and evaluations and check points	6 h.	4 h.	10 h.
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects	4,5 h.	3 h.	7,5 h.
Individual and team exercises	4,5 h.	3 h.	7,5 h.
Individual and/or team computer simulation practice	7,5 h.	5 h.	12,5 h.

EVALUATION SYSTEM

	W
Individual written and oral tests to assess technical skills of the subject	70%
Team oral tests for the evaluation of technical skills of the subject	30%

MAKE-UP MECHANISMS

(No mechanisms)

CH - Class hours: 22,5 h.

NCH - Non-class hours: 15 h.

TH - Total hours: 37,5 h.

RG205 Define the problem, develop the solution and present the conclusions in a efficient manner, arguing and justifying each one of them in spoken form.

LEARNING ACTIVITIES		CH	NCH	TH
Individual study and work, tests and evaluations and check points		6 h.	4 h.	10 h.
Presentation of the teacher in the classroom, in participatory classes, of concepts and procedures associated with the subjects		4,5 h.	3 h.	7,5 h.
Individual and team exercises		4,5 h.	3 h.	7,5 h.
Individual and/or team computer simulation practice		7,5 h.	5 h.	12,5 h.
EVALUATION SYSTEM		W	MAKE-UP MECHANISMS	
Individual written and oral tests to assess technical skills of the subject	70%	<i>(No mechanisms)</i>		
Team oral tests for the evaluation of technical skills of the subject	30%			
CH - Class hours: 22,5 h.				
NCH - Non-class hours: 15 h.				
TH - Total hours: 37,5 h.				

CONTENTS

Current issues in Science and Technology

- Analytical skills for reading articles, attending classes, viewing audiovisual programs and discussing current research
- Development of technical vocabulary
- Questions for selecting a research topic
- Searching, gathering, analyzing and organizing information
- Preparation and presentation of posters

Vocabulary for Science and Technology

- Improving pronunciation through guided practice
- Strengthening comprehension through dictations, closed exercises, note taking and other activities
- Focus on commonly used vocabulary and expressions in science and technology

LEARNING RESOURCES AND BIBLIOGRAPHY

Learning resources	Bibliography
Subject notes	<i>(No bibliography)</i>
Video projections	