

[GOB201] SCIENTIFIC AND TECHNICAL ENGLISH

GENERAL INFORMATION

Studies	DEGREE IN INDUSTRIAL ORGANIZATION ENGINEERING		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

PROFESSORS

AZPI-RUIZ DE ARETXABALETA, ESTI (ML)

REQUIRED PREVIOUS KNOWLEDGE

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

SKILLS

VERIFICA SKILLS

SPECIFIC

GOC210 - To write technical reports and make presentations based on them and to manage and organise the information effectively and ethically

BASIC

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

ENAE LEARNING RESULTS

ENAE18 - Transversal competences: To use different methods to communicate effectively with the engineering community and society in general. ECTS
0,75

ENAE19 - Transversal competences: Demonstrate that they are aware of the responsibility implied in the practical application of engineering, the social and environmental impact, and show commitment with professional ethics, responsibility and regulations of the practical application of engineering. 2,25

Total: 3

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	