



## IDENTIFYING DATA

### Technical English II

Subject	Technical English II			
Code	V12G380V01904			
Study programme	(*)Grao en Enxeñaría Mecánica			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd
Teaching language	English			
Department				
Coordinator	Pérez Paz, María Flor García de la Puerta, Marta			
Lecturers	García de la Puerta, Marta Pérez Paz, María Flor			
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General description	This course aims at providing students with a systematic adequacy to develop the appropriate skills for communicating in Technical English at level B1 according to the Common European Framework of Reference for Languages (CEFR). As far as possible, students will be monitored so as to accommodate to each individual needs.			

## Competencies

Code	
B10	CG10 Ability to work in a multidisciplinary and multilingual environment.
D1	CT1 Analysis and synthesis
D4	CT4 Oral and written proficiency in a foreign language.
D7	CT7 Ability to organize and plan.
D10	CT10 Self learning and work.
D13	CT13 Adaptability to new situations.
D17	CT17 Working as a team.
D18	CT18 Working in an international context.

## Learning outcomes

Expected results from this subject	Training and Learning Results	
Develop the skills of oral understanding and written, as well as the skills of oral expression and written in Technical English to intermediate level.	B10	D1 D4 D13
Boost the development of the English tongue in the field of the Engineering with the object to be able to apply it in professional situations and, particularly, in the industrial activities.	B10	D1 D4 D7 D10 D13 D17 D18
Training and professional qualification to work in contexts, companies and foreign institutions related with the field of the engineering. Tackle intercultural appearances.	B10	D1 D4 D7 D10 D13 D17 D18

Stimulate the autonomy of Students and his critical capacity for the development of the understanding of dialogues and texts drafted in Technical English.	B10	D1 D4 D7 D10 D13 D17 D18
Develop the skills of oral understanding and written, as well as the skills of oral expression and written in Technical English to intermediate level.	B10	D1 D4 D10 D17 D18

## Contents

Topic	
1. English Grammar	UNIT 1
2. Vocabulary/Use of English	Reading: CO2 and the Greenhouse Effect.
3. Academic English (Technical-scientific)	Speaking: Job interviews (part one).
4. Speaking skill	Speaking: Dates, mathematical expressions, web sites and email addresses, chemical formula.
5. Listening skill	Speaking: Parts of an oral presentation: Introducing oneself.
6. Reading skill	Listening: Repairing a car.
7. Writing skill	Writing: Letter of motivation.
8. Direct and indirect translation techniques for intermediate level	Grammar: Present participle and past participles adjectives.
9. Oral Presentations	
1. English Grammar	UNIT 2
2. Vocabulary/Use of English	Reading: Sardine Canning Processes.
3. Academic English (Technical-scientific)	Speaking: Giving definitions.
4. Speaking skill	Speaking: Job interviews (part two).
5. Listening skill	Speaking: Parts of an oral presentation: Giving purpose.
6. Reading skill	Listening: CO2 concentrations.
7. Writing skill	Writing: Curriculum Vitae.
8. Direct and indirect translation techniques for intermediate level	Grammar: The -ing form at the beginning of a sentence.
9. Oral Presentations	
1. English Grammar	UNIT 3
2. Vocabulary/Use of English	Reading: Running Dry.
3. Academic English (Technical-scientific)	Speaking: Job interviews (part three).
4. Speaking skill	Speaking: Oral presentations: Time Schedule and signposting.
5. Listening skill	Listening: Retort Processing of Baked Beans.
6. Reading skill	Grammar: Clauses of reason, purpose, contrast, and result.
7. Writing skill	Writing: Cover letters.
8. Direct and indirect translation techniques for intermediate level	
9. Oral Presentations	
1. English Grammar	UNIT 4
2. Vocabulary/Use of English	Reading: Nanopower.
3. Academic English (Technical-scientific)	Speaking: Describing shapes, forms, and materials: comparison and contrast.
4. Speaking skill	Speaking: Describing components.
5. Listening skill	Speaking: Oral Presentations: Indicating the visual aids and handouts used in an oral presentation.
6. Reading skill	Listening: IT Technologies.
7. Writing skill	Writing: Describing devices, machines, instruments, etc. by its shape, form, and material.
8. Direct and indirect translation techniques for intermediate level	Grammar: Adverbs of sequence; revision of passive voice; contracted relative clauses.
9. Oral Presentations	
1. English Grammar	UNIT 5
2. Vocabulary/Use of English	Reading: Fish Packing Processes.
3. Academic English (Technical-scientific)	Speaking: Job interviews (part four).
4. Speaking skill	Speaking: Oral Presentations: Summing up; concluding; making recommendations and questions; thanking.
5. Listening skill	Listening: Formula One helmet.
6. Reading skill	Listening: Can waste plastics reduce the need of oil?.
7. Writing skill	Writing: Curriculum Vitae.
8. Direct and indirect translation techniques for intermediate level	Grammar: Verb tenses expressing future; contracted time adverbial clauses; order of adjectives.
9. Oral Presentations	

1. English Grammar
2. Vocabulary/Use of English
3. Academic English (Technical-scientific)
4. Speaking skill
5. Listening skill
6. Reading skill
7. Writing skill
8. Direct and indirect translation techniques for intermediate level
9. Oral Presentations

#### UNIT 6

Reading: Wind Power and Off-shore Wind Power.

Speaking: Job interview (part five and six).

Speaking: Oral presentations: Expressing processes: description and report of experiments..

Listening: Water cycle experiment.

Writing: Descriptions and reports.

Grammar: Cause and effect: "if" clauses, and noun clauses.

### Planning

	Class hours	Hours outside the classroom	Total hours
Introductory activities	1	0	1
Troubleshooting and / or exercises	4	15	19
Autonomous troubleshooting and / or exercises	4	15	19
Group tutoring	2	0	2
Classroom work	8	0	8
Presentations / exhibitions	9	20	29
Others	6	15	21
Short answer tests	4	15	19
Practical tests, real task execution and / or simulated.	12	20	32

\*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

### Methodologies

	Description
Introductory activities	Activities aiming at introducing the subject, establish contact with students, and to gather information about their previous knowledge of the English language.
Troubleshooting and / or exercises	Analysis and problem solving activities in relation to exercises concerning grammar and vocabulary, and communicative skills.
Autonomous troubleshooting and / or exercises	Activities focused on dealing with problems and/or exercises in relation to this subject. Students develop skills to autonomously analyse and solve problems and/or exercises.
Group tutoring	Tutor and tutees carry out joint reviews for discussing issues concerning the so far course achievements and learning process.
Classroom work	The practice activities in connection to the four communication skills: listening comprehension, speaking, reading comprehension, and writing, as well as Use of English in Technical English.
Presentations / exhibitions	In order to assess communication skills, students, in group or individually, accomplish guided Technical English oral and writing presentations.
Others	Role-play activities whose purpose is to improve students' speaking skill, and to increase their participation in order to prompt the interaction of the group in English.

### Personalized attention

Methodologies	Description
Group tutoring	By group tutorials we mean the meeting of tutor and tutees in the classroom, and personal advising during tutorial hours. The aim of group tutorials and personal advising is to offer students guidance about the purpose of the course, to encourage learning strategies, guidance in the performance of assignments and exercises, a thorough analysis of the so-far obtained assessment scores, or advice for the successful completion of the Technical English examination.

### Assessment

	Description	Qualification	Training and Learning Results
Classroom work	Practical tasks in relation to listening comprehension and writing skill.	30	B10 D1 D4 D10 D13 D18

Presentations / exhibitions	Performance of the speaking skill in relation to engineering topics, aimed to consolidate a fluent communication in English.	20	B10	D4 D10 D13 D17 D18
Others	To reach a competent level of speaking in given situations, in order to comment and discuss distinctive features of a specific topic.	20	B10	D1 D4 D7 D10 D13 D18
Short answer tests	These are in relation to testing grammar usage and its applications in the Technical English framework. Students perform short answers exercises such as fill in the gaps, transformations, cloze, multiple choice, etc. to test their knowledge of the linguistic skill of Use of English.	10	B10	D1 D4 D7 D10
Practical tests, real task execution and / or simulated.	The performance of reading comprehension assessments carried out on articles about technology dissemination.	20		D13 D18

### Other comments on the Evaluation

There are two evaluation systems. Choosing a system excludes the other. To qualify under the system of continuous evaluation, students are required to attend 80% of the total lecture hours with academic progress and involvement. Therefore students not attending the total hours of the percentage established will lose this option. Students making use of the continuous evaluation count 100% in the assessment of their final grade with the course assignments and testings. The failure to complete the assignments requested along the course will be counted as a zero. The assignments requested must be delivered or submitted by the deadlines and dates marked beforehand. Students making use of the only evaluation or final examination sit for examination with a final overall assessment, taking place on the official date established by the School of Industrial Engineering. To this end, students should consult the School web site, where the examination date and time are specified in accordance to students' subject attendance either Campus or City Centre (Torrecedeira).

The only examination is computed as follows: Overall final assessment 60% for Use of English 40%; oral comprehension (listening) 20%; reading comprehension 20%; writing 20%. The other 40% left computes for oral presentation and speaking. Regarding July assessment (second call assessment) continuous evaluation students will undergo examination for the specific parts of the subject contents not overcome; while students of the only examination who failed in the previous exam notification (first call) must undergo an assessment of the total subject contents (100%).

### Sources of information

Beigbeder Atienza, Federico, **Diccionario Técnico Inglés/Español; Español/Inglés**, Díaz de Santos,  
Collazo, Javier, **Diccionario Collazo Inglés-Español de Informática, Computación y otras Materias**, McGraw-Hill,  
Hornby, Albert Sidney, **Oxford Advanced Learner's Dictionary**, Oxford University Press,  
Jones, Daniel, **Cambridge English Pronouncing Dictionary**, Cambridge University Press,  
Hewings, Martin, **English Pronunciation in Use, Advanced**, Cambridge University Press,  
Murphy, Raymond, **English Grammar in Use with Answers: A Self-Study Reference and Practice Book for Intermediate Students**, Cambridge University Press,  
[www.agendaweb.org](http://www.agendaweb.org),  
[www.bbc.co.uk/worldservice/learningenglish/](http://www.bbc.co.uk/worldservice/learningenglish/),  
[www.edufind.com/english/grammar](http://www.edufind.com/english/grammar),  
[www.voanews.com/specialenglish](http://www.voanews.com/specialenglish),  
[www.mit.edu](http://www.mit.edu), **Massachusetts Institute of Technology**,  
Pickett, Nell Ann; Laster, Ann A. & Staples Katherine E., **Technical English: Writing, Reading and Speaking**, Longman,  
WordReference.com, **Online Language Dictionary**,  
Foreignword.com, **The Language Site**.

### Recommendations

### Other comments

It recommends have a previous knowledge of the English tongue. It splits of a level A2 to reach the level B1, according to the European Frame of Reference for the Tongues of the Council of Europe.

Likewise, we recommend the continuous evaluation by the methodology employed to practise and settle the contents of the matter.

Requirements: To enrol in this matter is necessary to have surpassed or be enrolled of all the matters of the inferior courses to the course in which it is \*emplazada this matter.

In case of discrepancies, will prevail the version in Spanish of this guide.

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