



IDENTIFYING DATA

Technical English I

Subject	Technical English I			
Code	V12G380V01903			
Study programme	(*)Grao en Enxeñaría Mecánica			
Descriptors	ECTS Credits	Type	Year	Quadmester
	6	Optional	4th	2nd
Teaching language	English			
Department				
Coordinator	Pérez Paz, María Flor			
Lecturers	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 A2 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		Typology
CG10	CG10 Ability to work in a multidisciplinary and multilingual environment.	<ul style="list-style-type: none"> • know • Know How • Know be
CT1	CT1 Analysis and synthesis	<ul style="list-style-type: none"> • know • Know How
CT4	CT4 Oral and written proficiency in a foreign language.	<ul style="list-style-type: none"> • know • Know How • Know be
CT7	CT7 Ability to organize and plan.	<ul style="list-style-type: none"> • know • Know How • Know be
CT10	CT10 Self learning and work.	<ul style="list-style-type: none"> • know • Know How • Know be
CT13	CT13 Adaptability to new situations.	<ul style="list-style-type: none"> • know • Know How • Know be
CT17	CT17 Working as a team.	<ul style="list-style-type: none"> • know • Know How • Know be
CT18	CT18 Working in an international context.	<ul style="list-style-type: none"> • know • Know How • Know be

Learning outcomes

Learning outcomes	Competences
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To improve students' sense of linguistic awareness of English as a second language, the grammatical and lexical mechanisms and types of expressions.	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
Improving students' listening and reading skills, as well as their speaking and writing skills.	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
To upgrade students' grammatical and lexical notions of the English language, and the comprehension of basic Technical English structures.	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
To encourage students to use the English language within the engineering context, and the benefits and usefulness of the English language when applying their grammatical, lexical, and cultural knowledge.	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
Promoting students' critical autonomy for the comprehension and understanding of texts, dialogues and oral presentations.	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18

Contents

Topic

1. English grammar	UNIT 1
2. Vocabulary/Use of English	Reading: Batteries and Flowbatteries.
3. Technical-scientific language	Reading: Parts of a car.
4. Speaking	Speaking: Describing components and locations.
5. Speaking comprehension	Speaking: Dates, mathematical expressions, web sites and email
6. Reading comprehension	addresses, chemical formula.
7. Writing	Listening: Adsense Making Money Online.
8. Direct and inverse translation of specific parts of the discourse	Grammar: Present Simple.
1. English grammar	UNIT 2
2. Vocabulary/Use of English	Reading: Computer Mice for the Blind.
3. Technical-scientific language	Speaking: Describing easy shapes and forms.
4. Speaking	Listening: Scientists Say Climate Change is Real and Human Caused.
5. Speaking comprehension	Writing: Easy paragraph writing.
6. Reading comprehension	Grammar: Passive voice.
7. Writing	
8. Direct and inverse translation of specific parts of the discourse	

1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 3 Reading: Job Qualities for an Engineer. Speaking: Expressing one own's qualities, and personal characteristics and abilities. Listening: IT-related Problems. Grammar: Relative Clauses. Writing: Dividing a text into paragraphs.
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 4 Reading: I Do I Repair a Broken Wall Socket. Speaking: Advantages and disadvantages of the different generation power systems. Listening: Mobile Phones. Listening: CDs. Writing: A description of a repair. Grammar: Adverbs of sequence; conditional sentences; connectors: contrast, reason, purpose, and result.
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 5 Reading: Robots - Nothing to lose but their chains. Speaking: Comparison and contrast. Listening: Introduction to Paper Making. Listening: Car Repairs. Writing: Curriculum Vitae. Grammar: Verb tenses expressing future; time adverbials; using "enable", "allow", "permit", "make", and "cause".
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 6 Reading: Cover letters. Speaking: Expressing hypothetical future. Listening: Manipulating Glass. Writing: Cover letters. Grammar: Review of verb tenses.
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 7 Reading: Difference Engines. Speaking: Expressing cause and effect. Listening: Innovation is Great (1). Listening: E-trading and e-selling. Writing: Easy reports. Grammar: Expressing cause and effect.
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 8 Reading: Superconductivity in Orbit. Speaking: Talking about problems and offering solutions. Listening: Innovation is Great (2). Writing: Reply to an employment advertisement. Grammar: Order of adjectives.
1. English grammar 2. Vocabulary/Use of English 3. Technical-scientific language 4. Speaking 5. Speaking comprehension 6. Reading comprehension 7. Writing 8. Direct and inverse translation of specific parts of the discourse	UNIT 9 Reading: Man-made Building Materials. Speaking: Materials used in industry: purpose and cause. Listening: Nuclear Power Plants. Writing: Ordering a text into paragraphs. Grammar: Adjectives: present participle, past participle.

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

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. These activities are done individually or in groups (teamwork).
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. No tutorials will be carried out via telephone conversations or the internet (emails or Skype, etc.) If case of questions or comments students must contact the tutor in the classroom or at tutorial hours, as indicated above.

Assessment

	Description	Qualification	Evaluated	Competences
Classroom work	Practical tasks in relation to listening comprehension and writing skill.	30		CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
Presentations / exhibitions	Performance of the speaking skill in relation to engineering topics, aimed to consolidate an acceptable fluent communication in English.	20		CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18

Others	To reach a competent level of speaking in given situations, in order to comment and discuss distinctive features of a specific topic.	20	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
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	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18
Practical tests, real task execution and / or simulated.	The performance of reading comprehension assessments carried out on articles about technology dissemination.	20	CG10 CT1 CT4 CT7 CT10 CT13 CT17 CT18

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 counts 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).

1. Continuous Evaluation

The final mark for this subject is computed taking into consideration all the skills practiced during the course. Therefore each of them counts as follows: Listening (20%); Speaking (40%); Reading (20%); Writing (20%). The sum of these four skills represents the 80% for the mark, whereas short answer tests sum up 20%.

So, the final mark will be established adding skills and short answer tests up to 100%, being 5 (five) the mark necessary to obtain a pass in all skills and short answer tests.

2. Final Examination

The only examination is computed as follows. Overall final assessment counts 80% for Listening (20%); Speaking and oral presentation (40%); Reading (20%); Writing (20%), whereas short answer tests sum up 20%.

So, the final mark will be established adding skills and short answer tests up to 100%, being 5 (five) the mark necessary to obtain a pass in all skills and short answer tests.

Regarding July assessment (second call assessment) continuous evaluation students will undergo examination for the specific parts of the subject contents not completed; 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%).

Ethical commitment: Students are requested to present an adequate ethical behaviour. In case of detecting an unethical

behaviour (copying, plagiarism, use of not authorized electronic devices, and others) will be considered that the student does not meet the requisites necessary to pass the subject. In this case, the global qualification in the present academic course will be of a fail (0.0)."

Sources of information

Beigbeder Atienza, Federico, Diccionario Técnico Inglés/Español; Español/Inglés, Díaz de Santos, 2006

Collazo, Javier, Diccionario Collazo Inglés-Español de Informática, Computación y otras Materias, McGraw-Hill, 2001

Hornby, Albert Sidney, Oxford Advanced Learner's Dictionary, Oxford University Press, 2010

Jones, Daniel, Cambridge English Pronouncing Dictionary with CD, Cambridge University Press, 2011

Hewings, Martin, English Pronunciation in Use, Advanced with Answers, Audio CDs and CD-ROM, Cambridge University Press, 2007

Murphy, Raymond, English Grammar in Use 4th with Answers and CD-ROM, Cambridge University Press, 2012

Picket, Nell Ann; Laster, Ann A. & Staples Katherine E., Technical English: Writing, Reading and Speaking, Longman, 2001

www.agendaweb.org,

www.bbc.co.uk/worldservice/learningenglish/,

www.edufind.com/english/grammar,

www.voanews.com/specialenglish,

iate.europa.eu, Technical English Dictionary,

www.howjsay.org, A free online Talking English Pronunciation Dictionary,

Recommendations

Other comments

We recommend students, who wish to take part in this course, to have a prior A1 level in English so as to reach the A2 level, according to the European Framework of Reference for Languages of the Council of Europe.

Requisites: To register in this subject it is necessary to have passed or to be registered for all the subjects of the lower-division courses to the course where this subject is placed.

We also recommend continuous assessment due to the methodology used to practice and consolidate the learning process of the subject contents. Therefore, the active participation of students is essential to pass the Technical English subject requisites.

It is advisable to check the School's lectures timetable so as to avert incompatibility of attendance with any other subject. Therefore students will not be permitted to sit for continuous evaluation if there is overlap.

In order to avoid damaging computers, students will not be allowed to take drinks or food into the classroom. If the ingestion of liquid or food is necessary, students must show an official medical prescription.