Universidade de Vigo

IDENTIFYING DATA
Technical English II

Subject	Technical English II
Code	V12G360V01904
Study programme	Degree in Industrial Technologies Engineering

Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd

Teaching language	English
Department	
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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 Student 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 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 1 Reading: CO2 and the Greenhouse Effect (or similar related topic). Speaking: Job interviews (part one). Speaking: Dates, mathematical expressions, web sites and email addresses, chemical formula. Speaking: Parts of an oral presentation: Introducing oneself. Listening: Repairing a car (or similar related topic). Writing: Reports. Grammar: Present participle and past participles adjectives.
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 2 Reading: Using Mobile Phones and Computers to Transmit Information (or similar related topic). Speaking: Giving definitions. Speaking: Job interviews (part two). Speaking: Parts of an oral presentation: Giving purpose. Listening: CDs (or similar related topic). Writing: Letter of Motivation. Grammar: The -ing form at the beginning of a sentence.
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 3 Reading: Running Dry (or similar related topic). Speaking: Job interviews (part three). Speaking: Oral presentations: Time Schedule and signposting. Listening: Geothermal Energy (or similar related topic). Grammar: Clauses of reason, purpose, contrast, and result. Writing: Cover letters.
1. Gramática inglesa 2. Vocabulario/Use of English 3. Lenguaje técnico-científico 4. Expresión oral 5. Comprensión oral 6. Comprensión lectora 7. Expresión escrita 8. Traducción directa e inversa de partes del discurso a nivel intermedio 9. Presentaciones orales	UNIT 4 Reading: Capturing CO2 is Costly and Difficult (or similar related topic). Speaking: Describing shapes, forms, and materials: comparison and contrast. Speaking: Describing devices, machines, components, etc. by its shape, form, and material. Speaking: Oral Presentations: Indicating the visual aids and handouts used in an oral presentation. Listening: Supply Chain (or similar related topic). Grammar: Adverbs of sequence; revision of passive voice; contracted relative clauses.
1. Gramática inglesa 2. Vocabulario/Use of English 3. Lenguaje técnico-científico 4. Expresión oral 5. Comprensión oral 6. Comprensión lectora 7. Expresión escrita 8. Traducción directa e inversa de partes del discurso a nivel intermedio	UNIT 5 Reading: Superconductivity in Orbit (or similar related topic). Speaking: Job interviews (part four). Speaking: Oral Presentations: Summing up; concluding; making recommendations and questions; thanking. Listening: Technological and Scientific Innovations in 2015 (or similar related topic). Listening: Can Waste Plastics Reduce the Need of Oil? (or similar related topic). Grammar: Verb tenses expressing future; contracted time adverbial clauses; order of adjectives.

1. Gramática inglesa
2. Vocabulario/Use of English
3. Lenguaje técnico-científico
4. Expresión oral
5. Comprensión oral
6. Comprensión lectora
7. Expresión escrita
8. Traducción directa e inversa de partes del discurso a nivel intermedio

UNIT 6
Reading: Magnets and Electromagnets (or similar related topic).
Speaking: Job interview (part five and six).
Speaking: Oral presentations: Expressing processes: description and report of experiments..
Listening: Water cycle experiment (or similar related topic).
Writing: Descriptions.
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 D7 D10 D13 D17 D18

Presentations / exhibitions	Performance of the speaking skill in relation to engineering topics, aimed to consolidate a fluent communication in English.	20	B10	D1 D4 D7 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 D17 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 D13 D17 D18
Practical tests, real task execution and / or simulated.	The performance of reading comprehension assessments carried out on articles about technology dissemination.	20	B10	D1 D4 D7 D10 D13 D17 D18

Other comments on the Evaluation

1. 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 (0.0). 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 oficial 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. a. 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 Use of English examination sums up 20%.

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

Students, who in the publication of the first assessment record, have scored a non-pass in one or several skills, must retake the part or parts for the corresponding failed skills in the July exam of 2017 to obtain a pass. In case of a second non-pass in July 2017, students must undergo examination for all skills in future courses. Therefore, those passed parts will not be taken into account in the future or subconsequent to course 2016-2017.

Partial or total plagiarism in any of the assignment or activity will result in an automatic non-pass on the subject. Plead ignorance of what plagiarism is, will not exempt students of their responsibility in this regard.

1. b. Final Examination (May and July)

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 Use of English test sums up 20%. So, the final mark will be

established adding skills and Use of English test 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%).

Both continuous assessment and final examination will take into account not only the relevance and appropriateness of the content of the answers, but also their linguistic correctness. In addition, during the examinations no dictionaries, notes or electronic devices (mobile phones, tablets, PCs, etc.) will be allowed. It is students responsibility to check FAITIC or their e-mails to be kept up to date on the uploaded teaching materials, as well as to be aware of examination or submission dates.

All the comments here indicated also pertain to Erasmus students. In the event of not being able to access information on FAITIC, students have to contact the teacher to solve the problem.

Ethical commitment:

Students are requested to present an adequate ethical behaviour. In case of detecting an unethical behaviour (coping, 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,

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,

Hancock, Mark, **English Pronunciation in Use: Intermediate**, Cambridge University Press,

Murphy, Raymond, **English Grammar in Use: A Self-Study Reference and Practice Book for Intermediate Students**, Cambridge University Press,

Picket, Nell Ann; Laster, Ann A. &amp; Staples Katherine E., **Technical English: Writing, Reading and Speaking**, Pearson Limited Education,

www.agendaweb.org,

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

www.edufind.com/english/grammar,

www.voanews.com/specialenglish,

www.mit.edu, **Massachusetts Institute of Technology**,

www.iate.eu, **Eu's Multilingual Technical and Scientific Dictionary**,

Recommendations

Other comments

We recommend students, who wish to take part in this course, to have a prior A2 level in English so as to reach the B1 level, according to the European Framework of Reference for Languages of the Council of Europe.

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 requirements.

To register for this module the student must have passed or be registered for all the modules of the previous year.