

## Syllabus

### Subject

<b>Subject / Group</b>	20395 - English for Engineering / 1
<b>Degree</b>	Double degree in Mathematics and Telematics Engineering - Fourth year Degree in Mathematics - Fourth year Degree in Construction - Third year Degree in Telematics Engineering - First year Degree in Automation and Industrial Electronic Engineering - Fourth year Degree in Food and Agriculture Engineering and the Rural Environment - Third year Degree in Computer Engineering (2014 syllabus) - Third year
<b>Credits</b>	6
<b>Period</b>	2nd semester
<b>Language of instruction</b>	English

### Professors

Lecturers	Office hours for students					
	Starting time	Finishing time	Day	Start date	End date	Office / Building
Margarita Pizarro Sirera <a href="mailto:m.pizarro@uib.es">m.pizarro@uib.es</a>	16:00	17:00	Wednesday	07/11/2019	31/07/2020	Office AB09 (prior appointment)

### Context

English is nowadays the main language of international communication, as Latin or French were in the past. In a globalized world where we need to move across frontiers not only for pleasure but also for work, English is an essential requirement for any graduate. In addition, English is the language in which most scientific publications are written in.

This module seeks to provide students with a good knowledge of English and to offer them a comprehensible vision of the language, not only from a grammatical point of view but also including a real life use of it. By the end of the module, students are expected to be competent in writing, listening, and speaking. The content of the course will include, but not be limited to, key grammatical issues, writing strategies, speaking resources, listening strategies, and technical vocabulary.

### Requirements

Basic knowledge of English and its functioning (Batxiller)

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### Recommended

Level equivalent to First Certificate or 3rd of EOI

### Skills

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#### Specific

- \* To be able to understand a conversation in which technical language is used.
- \* To be able to produce a written text related to the thematic area of study.
- \* To be able to find their own resources not only from paper sources but also electronic.

#### Generic

- \* Development of the ability for analysis and synthesis, organization and planification, and make decisions.
- \* Development of the interpersonal abilities and compromise with ethical values together with the fundamental rights, especially observing equality and capacity values.
- \* The ability of working in groups both in Telematics and Engineering in general and multidisciplinary contexts in English

#### Basic

- \* You may consult the basic competencies students will have to achieve by the end of the degree at the following address: <http://www.uib.eu/study/grau/Basic-Competences-In-Bachelors-Degree-Studies/>

### Content

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#### Range of topics

##### A. Listening

Connected speech. False friends. Comprehension. Interpreting and rephrasing information. Use of technical vocabulary in a conversation.

##### B. Speaking

Turn taking. Pair conversation in a technical context. Presenting in front of an audience. Fluent and accurate output production of the specific sounds of English.

##### C. Reading

Model texts from various contexts. Identifying useful vocabulary and general understanding of the text. Structure of the English sentence. Scientific, technical, commercial, and administrative English Texts. The argumentative and explicative text: structures and characteristics.

##### D. Vocabulary

Vocabulary practice through semantic fields. Non-specialized and specialized vocabulary. Reference tools. Word formation. Collocations, synonyms, and antonyms. Guessing meaning from context. Spelling.

##### E. Writing

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Effective sentence structures. Writing conventions. Gender and language. Avoiding repetition in sentences. Grouping and classifying points.

### Teaching methodology

**Mobile phones, tablets, and similar devices are NOT allowed in class. Laptops are allowed as long as they are used for academic purposes only. Any student using a mobile phone in class and/or using a laptop for non-academic purposes will be kindly requested to leave the classroom.**

In-class work activities (2.4 credits, 60 hours)

Modality	Name	Typ. Grp.	Description	Hours
Theory classes	Theory classes	Large group (G)	Sessions devoted to the development of grammar and specific vocabulary (Use of English) as well as other techniques that can help to develop the rest of language skills: writing production, reading comprehension and oral comprehension and production(listening and speaking).	20
Practical classes	Practice	Medium group (M)	Practical exercises to reinforce theoretical contents (paired and group activities). These sessions will favour a communicative methodology centered in task-based learning.	20
ECTS tutorials	Tutorials	Medium group 2 (X)	Sessions devoted to medium-group tutorials in which all students, either individually or in small groups, may solve doubts or discuss their own learning process	6
Assessment	Mid-Term test	Large group (G)	Test(s) that assess reading comprehension (specific tests) and writing production	4
Assessment	Oral Test	Small group (P)	Group presentations on a topic of the students' choice.	6
Assessment	Final exam	Large group (G)	Short-answer test including different skills	4

At the beginning of the semester a schedule of the subject will be made available to students through the UIBdigital platform. The schedule shall at least include the dates when the continuing assessment tests will be conducted and the hand-in dates for the assignments. In addition, the lecturer shall inform students as to whether the subject work plan will be carried out through the schedule or through another way included in the Aula Digital platform.

Distance education tasks (3.6 credits, 90 hours)

Modality	Name	Description	Hours
Individual self-study	Online test	Students will complete an online questionnaire uploaded to Aula Virtual. This test will account for 10% of the final grade.	2
Individual self-study	Individual work	Students will plan out their individual work and carry out a series of grammar, reading and writing activities selected from different sources	88

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### Specific risks and protective measures

The learning activities of this course do not entail specific health or safety risks for the students and therefore no special protective measures are needed.

### Student learning assessment

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The final grade in this subject will be divided as follows:

- Final exam: 50% of the final grade (you can resit this test in July).
- Oral exam(s): 20% of the final grade (you cannot resit this test).
- Writing mid-term test(s): 20% of the final grade (not resittable).
- Online test: 10% of the final grade (resittable).

In order to pass the module, students must achieve a grade of at least 5 out of 10 in the final exam.

Students who are eligible for Path B need to contact the lecturer within the first two weeks of term to confirm that they meet the criteria for this path.

During all tests, the use of electronic devices (including MOBILE PHONES) will imply the immediate withdrawal of the exam and a No Presentado.

### Frau en elements d'avaluació

In accordance with article 33 of Regulation of academic studies, "regardless of the disciplinary procedure that may be followed against the offending student, the demonstrably fraudulent performance of any of the evaluation elements included in the teaching guides of the subjects will lead, at the discretion of the teacher, a undervaluation in the qualification that may involve the qualification of "suspense 0" in the annual evaluation of the subject".

### Theory classes

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Modality	Theory classes
Technique	Real or simulated task performance tests ( <b>non-recoverable</b> )
Description	Sessions devoted to the development of grammar and specific vocabulary (Use of English) as well as other techniques that can help to develop the rest of language skills: writing production, reading comprehension and oral comprehension and production(listening and speaking).
Assessment criteria	See Teaching methodology, Description
Final grade percentage:	0%

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### Practice

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Modality	Practical classes
Technique	Real or simulated task performance tests ( <b>non-recoverable</b> )
Description	Practical exercises to reinforce theoretical contents (paired and group activities). These sessions will favour a communicative methodology centered in task-based learning.
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 0%

### Tutorials

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Modality	ECTS tutorials
Technique	Other methods ( <b>non-recoverable</b> )
Description	Sessions devoted to medium-group tutorials in which all students, either individually or in small groups, may solve doubts or discuss their own learning process
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 0%

### Mid-Term test

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Modality	Assessment
Technique	Short-answer tests ( <b>non-recoverable</b> )
Description	Test(s) that assess reading comprehension (specific tests) and writing production
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 20%

### Oral Test

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Modality	Assessment
Technique	Oral tests ( <b>non-recoverable</b> )
Description	Group presentations on a topic of the students' choice.
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 20%

### Final exam

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Modality	Assessment
Technique	Objective tests ( <b>recoverable</b> )
Description	Short-answer test including different skills
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 50%

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### Online test

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Modality	Individual self-study
Technique	Short-answer tests ( <b>recoverable</b> )
Description	Students will complete an online questionnaire uploaded to Aula Virtual. This test will account for 10% of the final grade.
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 10%

### Individual work

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Modality	Individual self-study
Technique	Observation techniques ( <b>non-recoverable</b> )
Description	Students will plan out their individual work and carry out a series of grammar, reading and writing activities selected from different sources
Assessment criteria	See Teaching methodology, Description

Final grade percentage: 0%

## Resources, bibliography and additional documentation

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### Basic bibliography

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Coe, N.; Solè, M. D. (1995). *Cambridge Word selector Anglès-Català*. Cambridge: CUP.  
Side, R.; Wellman G. (2005). *Grammar and Vocabulary for Cambridge Advanced and Proficiency*. Harlow: Pearson Education Limited.  
Williams, I. (2007). *Professional English, English for Science and Engineering*. USA: Thomson.

### Complementary bibliography

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Vince, M.; Emmerson, P. (2003). *First Certificate Language Practice with Key*. Oxford: MACMILLAN

### Other resources

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K. F. RILEY; M. P. HOBSON; S. J. BENICE (2006). *Mathematical Methods for Physics and Engineering*. CAMBRIDGE: CUP.

E- Resources:

<http://englishlistening.com>

<http://esl.about.com>

<http://soundsofenglish.org>

<http://www.diccionarios.com>

<http://www.eslcafe.com>

