

## Syllabus

### Subject

<b>Subject / Group</b>	20395 - English for Engineering / 4
<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
Ana Beatriz Pérez Zapata <i>Responsible</i> <a href="mailto:beatriz.perez@uib.es">beatriz.perez@uib.es</a>	10:30	12:30	Tuesday	10/09/2019	05/06/2020	AB09/ Ramón Llull

### Context

In a globalized world, where we need to move across frontiers not only for pleasure but also for work, English is a key tool to improve our career prospects. In addition, English is the language in which most scientific publications are written. This subject seeks to provide students with a basic grounding in English that will allow them to read and understand specialised publications in English, giving a comprehensive overview of the language not only from a grammatical point of view but also including a real-life use of it.

The course will revise and expand various aspects of grammar, use of English, and oral and written skills. This subject will include a considerable amount of conversation and debate in class, in which students must participate actively. Great attention will be paid to technical vocabulary, essential to understanding specialised publications in the field of telematics.

### Requirements

This course will be conducted exclusively in English. It is therefore essential that the students who enrol already have an intermediate level of English (as equivalent to a B1 in the Common European Framework of Reference for Languages - CEFR). The materials used in this course have been selected and designed according to the parameters described for the B2 level (CEFR). Thus, a pass in this course certifies the student's language proficiency level required by the UIB in order to obtain the Undergraduate Degree.

## Syllabus

### Essential

As established by the UIB, in order to obtain a Bachelor Degree students need to prove at the end of their studies a level of competence in English equivalent to a B2 level established in the Common European Framework Reference for Languages (CEFR), as it has been established in the Degree's requirements of their respective curricula. In order to attain this knowledge, students must pass the specific English language course of their Degree. Students may also prove their English skills by means of:

- Presenting a valid certificate or recognized degree by the UIB, attesting the achievement of a minimum level of English equivalent to B2 established in the Common European Framework Reference for Languages (CEFR). Please, see the following link for further information: [http://estudis.uib.es/es/grau/coneix\\_idioma/Conocimiento-de-idioma-extranjero-en-los-estudios.cid215459](http://estudis.uib.es/es/grau/coneix_idioma/Conocimiento-de-idioma-extranjero-en-los-estudios.cid215459)
- Successfully pass the annual English test organised at the UIB. Please, see the following link for further information: [http://estudis.uib.es/es/grau/coneix\\_idioma/Conocimiento-de-idioma-extranjero-en-losestudios.cid215457](http://estudis.uib.es/es/grau/coneix_idioma/Conocimiento-de-idioma-extranjero-en-losestudios.cid215457)
- Enrolling and successfully completing a number of English taught subjects in their Degree or in an Exchange Programme (18 credits). For further information, please see: [http://estudis.uib.es/es/grau/coneix\\_idioma/](http://estudis.uib.es/es/grau/coneix_idioma/)

### Recommended

**Students are required to have a minimum of B1 level in English prior to the beginning of the course.** The student who does not have the B1 level of English proficiency (a level that students must have successfully reached at the end of their secondary studies, and required to pass the University Entrance examination) must acquire this level before the semester starts. In order to do so, a list of resources for self-learning is provided in the References section of this teaching guide. In addition, this University is equipped with a Continuous Language Learning Classroom, located in the library of Gaspar Melchor Jovellanos.

### Skills

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#### Specific

- \* TG.6. To develop the ability to work in a team in the field of construction and other multidisciplinary areas.
- \* CC3. The ability to use new technologies to carry out research to prepare an oral presentation in English in the area of construction and agricultural engineering.

#### Generic

- \* TG4. To develop the capacity to write, understand and speak English aiming to achieve an intermediate level (B2 in the Common European Framework) . (CG8)

#### 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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## Syllabus

The course content will be divided into grammatical language consolidation (language use and general vocabulary) and reading, listening and speaking practice which will allow students to practise grammatical structures within the specific context of engineering.

### Range of topics

#### 1. Grammatical content

Grammar will include a revision of verbal tenses and will study more complex grammatical structures, paying special attention to conditional structures, relative clauses, and reported speech. In addition, other aspects such as the use of prepositions and collocations will be revised.

#### 2. Thematic Content

Topics studied in class will be connected to the world of technology in general and to the world of telematics in particular. Readings will be focused in the most recent developments and debates.

#### 3. Vocabulary

Students will acquire specific vocabulary to apply in work environments and to better understand scientific and academic papers. New vocabulary is expected to be included in the students' oral and written expression.

#### 4. Reading practice

Readings for this subject will cover a wide variety of topics. Exercises will be based on the B2 examination model and will especially focus on multiple choice options and the acquisition of vocabulary.

#### 5. Listening

Students will be able to listen to speakers with a variety of accents talking about a wide variety of topics. Students will be required to complete fill in the gaps exercises, true or false, and multiple choice exercises.

#### 6. Speaking

Students will present in groups towards the end of the course. Topics for these presentations must be connected to Telematics and should be previously arranged with the lecturer. Students are also expected to actively participate in class.

### Teaching methodology

The different skills (speaking, listening, reading and writing) will be covered in an integrated manner in order to present grammar and vocabulary in the context of the subject under study. At the beginning of the semester, a schedule of the subject will be made available to students through the Aula Digital platform. The schedule will at least include the dates when the continuous assessment tests will be conducted (writing/orals) and the hand-in dates for the assignments (if applicable). In addition, the lecturer will inform students as to whether the subject work plan will be carried out through the schedule or through another way included on the Aula Digital platform.

The student must obtain a minimum score of 5 out of 10 in the final exam in order to successfully pass this subject. In those cases where the mathematical average is higher than 5, and the final examination scores lower than a 5, the student will have 4.5 in his or her marks record.

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

## Syllabus

Modality	Name	Typ. Grp.	Description	Hours
Theory classes	Academic language skills	Large group (G)	Approximately 30 hours will be devoted to studying aspects of the English grammar and analysing technical texts. (Competència T4)	27
Practical classes	Practical sessions	Medium group (M)	Approximately 30 hours will be devoted to medium-sized practical sessions in which students will have the opportunity to carry out listening exercises as well as improving their oral skills. (Competències T3 i T4)	27
Assessment	Final Assessment	Large group (G)	A final exam worth 50% of the overall mark.  Dates for this exam, room and time will be published in Campus Extens at the beginning of the semester. The writing and oral exams will take place at a different date, which will also be announced during the semester on Aula Digital. This exam (50%) and the writing paper (20%) can be retaken in the extraordinary evaluation period (July). The July exams will include the same parts, and the percentages allocated to each part will be also the same. You will need to obtain a minimum score of 5 in this part to successfully pass the subject.	0
Assessment	Oral Exam	Large group (G)	The exam content will be determined by the tutor and students will be given the necessary information at the beginning of the course, along with the dates for the assessment. Oral exams will be worth 20% of the final mark. (Competències T3 i T4) This cannot be retaken in July.	4
Assessment	Writing	Large group (G)	Mid-term exam. Students will have one writing exam worth 20% in clas. The date will be given by the tutor at the beginning of the course. (Competència T2) The writing exam may be retaken in the extraordinary evaluation period.	2
Assessment	Online test	Large group (G)	Students will have one online test towards the end of the course on Aula Digital. There will be a time limit to answer a set of question which will cover the grammatical content seen in class. This test will amount to 10% of the final grade.	0

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	Individual self-study	Students will prepare classwork at home and do grammar exercises	90

## Syllabus

### 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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This course offers two assessment pathways:

#### Pathway A

All full-time students will take this option.

#### Pathway B

Students officially recognised by the UIB as part-time students may choose this assessment option. In this case, students are not expected to regularly attend or actively participate in sessions. Pathway B students will take the two tests specified for Pathway A students and, additionally, 20% of their final grade will result from an essay they will submit at the end of the term, based on the academic readings provided in the syllabus or an academic article of their choice (to be approved by the lecturer) related to one of the topics studied. Those interested in this assessment option will need to present the lecturer with a formal application in the first two weeks of the term. This application will include documentary evidence proving that they find themselves in one of the situations making students eligible for part-time student status (<https://seu.uib.cat/es/Categ-de-Procediments/>). The Vice-Dean for English Studies will consider all applications and decide whether applicants should be granted part-time student status. Upon notification, Pathway B students will be asked to sign a learning agreement (available from Aula Digital) committing themselves to the special assessment criteria this pathway involves.

The marks for the course are divided between presencial continuous evaluation tasks, which are worth 50 % of the grade. Additionally, there is a final exam covering reading, listening and English Use skills, also worth 50% of the final mark. The precise description of the tasks and point distribution is described below:

### 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".

### Final Assessment

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Modality	Assessment
Technique	Objective tests ( <b>recoverable</b> )
Description	A final exam worth 50% of the overall mark. Dates for this exam, room and time will be published in Campus Extens at the beginning of the semester. The writing and oral exams will take place at a different date, which will also be announced during the semester on Aula Digital. This exam (50%) and the writing paper (20%) can be retaken in the extraordinary evaluation period (July). The July exams will include

## Syllabus

the same parts, and the percentages allocated to each part will be also the same. You will need to obtain a minimum score of 5 in this part to successfully pass the subject.

Assessment criteria **Final exam (50% of final mark).** Multiple choice test with four parts: grammar, vocabulary, reading and listening. A **minimum grade of 5** will be necessary to pass this exam. Wrong answers will subtract points.

Dates for this exam, room and time will be published on Aula Digital at the beginning of the semester.

This exam can be retaken in the extraordinary evaluation period (July).

Final grade percentage: 50% for pathway A with a minimum grade of 5

Final grade percentage: 50% for pathway B with a minimum grade of 5

### Oral Exam

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Modality	Assessment
Technique	Oral tests ( <b>non-recoverable</b> )
Description	The exam content will be determined by the tutor and students will be given the necessary information at the beginning of the course, along with the dates for the assessment. Oral exams will be worth 20% of the final mark. (Competències T3 i T4) This cannot be retaken in July.
Assessment criteria	<b>Oral exam (20% of final mark).</b> Group presentations on topics connected to your degree. This exam cannot be retaken. Oral exams will take place during the last month of class.

This exam cannot be retaken in July.

Final grade percentage: 20% for pathway A

Final grade percentage: 20% for pathway B

### Writing

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Modality	Assessment
Technique	Extended-response, discursive examinations ( <b>recoverable</b> )
Description	Mid-term exam. Students will have one writing exam worth 20% in clas. The date will be given by the tutor at the beginning of the course. (Competència T2) The writing exam may be retaken in the extraordinary evaluation period.
Assessment criteria	Students will have one writing exam worth 20%.the date will be given by the tutor at the beginning of the course.

The writing exam may be retaken in the extraordinary evaluation period.

Final grade percentage: 20% for pathway A

Final grade percentage: 20% for pathway B

## Syllabus

### Online test

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Modality	Assessment
Technique	Objective tests ( <b>non-recoverable</b> )
Description	Students will have one online test towards the end of the course on Aula Digital. There will be a time limit to answer a set of question which will cover the grammatical content seen in class. This test will amount to 10% of the final grade.
Assessment criteria	<b>On-line test (10% of final mark).</b> This test will assess the grammar knowledge you have acquired throughout the course and will be available during the last week of the course. This test cannot be retaken once the quiz has been closed on Aula Digital.

Final grade percentage: 10% for pathway A  
Final grade percentage: 10% for pathway B

### Resources, bibliography and additional documentation

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#### Basic bibliography

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Students will be provided with a dossier and/or coursebook at the beginning of the semester.

#### Complementary bibliography

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Armer, Tamzen. Ed. 2011. *Cambridge English for Scientists*. UK: Cambridge University Press  
Cory, Hugh (1999). *Advanced Writing with English in Use*. Oxford University Press.  
Gude, Kathy (2000). *Advanced Listening and Speaking*. Oxford University Press.  
Harlow: Longman. Murphy, R. (2004). *English grammar in Use*. Cambridge: CUP  
McCarthy, Michael and Felicity O'Dell (2001). *English Vocabulary in Use. Upper-intermediate and Advanced*. Cambridge University Press.  
Prodromou, Luke (2010). *Grammar and Vocabulary for First Certificate*.  
Vince, Michael (2008). *English grammar in context*. Oxford: Macmillan  
Vince, Michael (2009). *First Certificate Language Practice with Key. English Grammar and vocabulary*. Macmillan.

#### Other resources

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##### WEBSITES

<http://englishonline.sites.uol.com.br/english/intermediate.htm>  
<http://www.bbc.co.uk/worldservice/learningenglish/language>  
<http://www.uefap.com/index.htm> <http://a4esl.org>  
<http://www.grammar-quizzes.com/index.html>  
<http://english.baladre.org/sedaviwebfront/grammarindex.htm>  
<http://www.englishexercises.org>