

Syllabus

Subject

Subject / Group	20395 - English for Engineering / 6
Degree	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
Credits	6
Period	2nd semester
Language of instruction	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> beatriz.perez@uib.es	10:30	12:30	Tuesday	10/09/2019	05/06/2020	AB09/ Ramón Llull
Sofia Moratinos Johnston sofia.moratinos@uib.es	You need to book a date with the professor in order to attend a tutoring session.					

Context

English is the international lingua franca, as once were Latin or French. 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. In a context of an increasingly larger European Union, we need English as a tool to communicate with people from different countries and to grow as professionals.

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. Students need to be competent not only in writing but also orally. That is why this subject will include a considerable amount of conversation in class in which students are supposed to participate actively.

The course will go through various gramatical issues at B2 level and try and help students improve their listening and speaking skills, with an emphasis on pronunciation. Great attention will be paid to technical vocabulary, essential to understanding specialised publications, in the field of construction and agricultural engineering.

Según la normativa de la UIB, para la obtención del título de Grado es necesario que el alumnado demuestre, al final de sus estudios, que ha alcanzado un nivel de conocimiento de la lengua inglesa equivalente como mínimo al nivel B2 establecido en el Marco Común Europeo de Referencia para las Lenguas (MCER), de

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acuerdo con el desarrollo que se hace de este requisito en el plan de estudios. Las vías de consecución de este conocimiento pueden ser:

- * Aprobar la asignatura de inglés específica del plan de estudios
- * Superar una prueba de inglés
- * Presentar un certificado o titulación con validez reconocida por la UIB que acredite la consecución de un nivel mínimo de conocimiento de la lengua inglesa equivalente al B2 del MERC*
- * Superar un determinado número de asignaturas impartidas en inglés en la titulación (18 créditos)

Normativa de referència

- 1 Acord normatiu 9386/2010: <http://www.uib.es/fou/acord/93/9386.html>
- 2 Acord executiu 9617/2010: <http://www.uib.es/fou/acord/96/9617.html>
- 3 Acord executiu 9719/2011: <http://www.uib.es/fou/acord/97/9719.html>
- 4 Correcció d'errors 9755/2011: <http://www.uib.es/fou/acord/97/9755.htm>

*Those students that can prove that they already have the B2 level (of the Common European Framework) after having taken one of the following exams: First Certificate, BEC 2, BULATS 3, ESOL 7-8 - are asked to address the "Comissió de reconeixement i transferència de credits" and do not need to take this subject, if the aforementioned commission recognises their certificate.

Requirements

Essential

Esta asignatura se impartirá íntegramente en inglés. Por ello, es esencial que el alumnado tenga un nivel intermedio de competencia en lengua inglesa (nivel B1 del Marco Europeo Común de Referencia para las Lenguas) antes del inicio del curso.

Los materiales de esta asignatura han sido seleccionados y diseñados teniendo en cuenta los descriptores de *nivel B2 de Inglés* (MCER) y, una vez aprobada, el alumnado tendrá por consiguiente acreditado el dominio de lengua inglesa que exige la UIB para obtener el Título de Grado.

**El alumnado que no tenga el nivel B1 (nivel que el alumnado debe haber alcanzado al término de sus estudios de educación secundaria y el requerido para superar las pruebas de acceso a la universidad) de competencia en lengua inglesa encontrará una lista de recursos para el auto-aprendizaje en la sección bibliográfica de esta guía docente y es su responsabilidad alcanzar este nivel con anterioridad al inicio del curso. Además, la universidad dispone de un aula de autoaprendizaje de lenguas (al altillo de la biblioteca del edificio Gaspar Melchor de Jovellanos) abierta a todo el alumnado. Para más información sobre esta aula y los recursos que se ponen a disposición del alumnado se puede consultar el siguiente enlace:

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<https://estudis.uib.es/es/Formacio-complementaria/idiomes/EnglishLab/>

Skills

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

Thematic contents

1. Professions (roles and responsibilities)
2. Property types and technical drawings
3. Building Materials
4. House renovation
5. How houses work

This is the thematic content of the course. The language skills are explained below:

Range of topics

1.. LISTENING

Understanding and reacting to real life dialogues and oral texts on technical subjects followed by comprehension exercises.

2.. SPEAKING

Pair conversation in a technical context. Fluent and accurate production of the specific sounds of English. Learning how to prepare and carry out a presentation on a technical subject of the students' choice.

3.. READING

Model texts from technical contexts. Identifying useful vocabulary and general understanding of the text. Analysing scientific, technical , commercial and administrative English texts

4.. VOCABULARY



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Vocabulary practice through semantic fields. Reference tools. Guessing meaning from context. Spelling and pronunciation of technical and non-technical vocabulary.

5.. WRITING

Applying the grammar rules and vocabulary learned in class in order to produce written texts that comply with the standard conventions.

Teaching methodology

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

Modality	Name	Typ. Grp.	Description	Hours
Theory classes		Large group (G)	27 hours will be devoted to studying aspects of the English grammar and analysing technical texts . An inductive and interactive methodology will be used in most sessions. The skills that will be practiced in these sessions will be reading, writing and grammar.	27
Practical classes		Medium group (M)	30 hours will be devoted to medium-group practical sessions in which students will have an opportunity to carry out listening exercises as well as improving their oral skills.	30
Assessment		Large group (G)	3 hours will be devoted to assessing students by means of a written exam and an oral presentation of a project.	3

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		Students will plan their individual work and carry out a series of grammar, reading and writing activities selected from different sources (70 hours aproximately).	70
Group or individual self-study		Students will prepare a project on a subject related to the field of construction or agricultural engineering selected by them and present it in class orally. These projects will be carried out in a small group. (20 hours).	20

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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

The student will be assessed on the basis of:

- A written paper (20% of the final mark). This paper can be handed in again before the June exam.
- An oral presentation (20% of the final mark). The oral presentation cannot be repeated.
- Homework assigned + attendance (10% of the final mark). To be handed in on the stipulated date. If you do not hand it in on the stipulated date, it will not be taken into account.
- A final exam (50% of the final mark), which will consist of the following parts: vocabulary / reading, a listening exercise and grammar. . If students fail, this exam can be taken again in July. **Students should pass this test with at least 5 out of 10 points to pass the subject.**

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

Modality	Theory classes
Technique	Extended-response, discursive examinations (recoverable)
Description	27 hours will be devoted to studying aspects of the English grammar and analysing technical texts . An inductive and interactive methodology will be used in most sessions. The skills that will be practiced in these sessions will be reading, writing and grammar.
Assessment criteria	Written paper.
Final grade percentage: 20% for pathway A	
Final grade percentage: 20% for pathway B	

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Practical classes

Modality	Practical classes
Technique	Oral tests (non-recoverable)
Description	30 hours will be devoted to medium-group practical sessions in which students will have an opportunity to carry out listening exercises as well as improving their oral skills.
Assessment criteria	Oral presentation.

Final grade percentage: 20% for pathway A

Final grade percentage: 20% for pathway B

Assessment

Modality	Assessment
Technique	Short-answer tests (recoverable)
Description	3 hours will be devoted to assessing students by means of a written exam and an oral presentation of a project.
Assessment criteria	Exam.

Final grade percentage: 50% for pathway A

Final grade percentage: 50% for pathway B

Individual self-study

Modality	Individual self-study
Technique	Other methods (non-recoverable)
Description	Students will plan their individual work and carry out a series of grammar, reading and writing activities selected from different sources (70 hours approximately).
Assessment criteria	Assignments

Final grade percentage: 10% for pathway A

Final grade percentage: 10% for pathway B

Group or individual self-study

Modality	Group or individual self-study
Technique	Papers and projects (non-recoverable)
Description	Students will prepare a project on a subject related to the field of construction or agricultural engineering selected by them and present it in class orally. These projects will be carried out in a small group. (20 hours).
Assessment criteria	Preparation of the oral presentation

Final grade percentage: 0% for pathway A

Final grade percentage: 0% for pathway B

Resources, bibliography and additional documentation

Apart from these books, further bibliography will be suggested as the course develops.

Basic bibliography



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Grammar:

Vince, Michael (2008). *English grammar in context - Intermediate with key*. Oxford: Mcmillan

Complementary bibliography

Dictionaries

Bilingual:

Putman y Carlson (2005). *Diccionario de Arquitectura, Construcción y Obras Públicas*. Thomson Paraninfo

Monolingual:

McGraw-Hill dictionary of Architecture & Construction

Oxford Dictionary of Architecture & Landscaping.

Construction specific:

Chudley, Roy & Greeno Roger(2010) *Building Construction Handbook*. Elsevier

Chudley Roy & Greeno Roger (2006) *Manual de Construcción de Edificios*. Editorial Gustavo Gili (It is the same book as the one above, but translated into Spanish)

Agriculture specific:

<https://dl.dropboxusercontent.com/u/17172413/Agro/Dictionary%20of%20Agriculture%2C%202006%28BBS%29.pdf>

Engineering in general:

<https://dl.dropboxusercontent.com/u/17172413/Agro/Dictionary%20of%20Engineering%2C%202nd%20Edition%20-%20%28Malestrom%29.pdf>

English for construction(vocabulary):<http://www.pbs.org/wgbh/buildingbig/index.html>

The History of World Agriculture:

<https://dl.dropboxusercontent.com/u/17172413/Agro/A%20History%20of%20World%20Agriculture%20-%20M.%20Mazoyer%2C%20et.%20al.%2C%20%28Earthscan%2C%202006%29%20BBS.pdfE-Resources>:<http://englishlistening.com>

Resources:<http://englishlistening.com>

RECURSOS PARA MEJORAR LA COMPETENCIA EN LENGUA INGLESALIBROS

Para repasar la gramática más básica:

Murphy, Raymond and Fernando García Clemente (2008). *Essential Grammar in Use*. Edición en español con respuestas. Cambridge University Press. Este libro es útil para gente con un nivel de inglés muy básico. Las explicaciones están en español. Además incluye un CD con más ejercicios.

Swan, Michael and Catherine Walter (2001). *The Good Grammar Book. With Answers*. Oxford University Press. Este libro hace un repaso general de toda la gramática vista hasta segundo de bachillerato. Las explicaciones son sencillas y están en inglés, pero utilizan muchos dibujos y esquemas, por lo que resulta muy fácil entenderlas. Tiene varios apéndices con información útil (verbos con preposiciones,...)

Para aprender o repasar toda la gramática del inglés, y además aprender vocabulario:

Vince, Michael and Kevin McNicholas (2003). *Elementary Language Practice with Key. English Grammar and Vocabulary*. Macmillan.

Vince, Michael and Paul Emmerson (2003). *Intermediate Language Practice with Key. English Grammar and Vocabulary*. Macmillan.

Vince, Michael (2009). *First Certificate Language Practice with Key. English Grammar and vocabulary*. Macmillan.

Vince, Michael (2009). *Advanced Language Practice with Key. English Grammar and Vocabulary*. Macmillan.

Los libros de esta colección son muy completos y las explicaciones son claras. Además de gramática, incluyen varios temas de vocabulario. Están clasificados por nivel.

PÁGINAS WEB

<http://learnenglish.britishcouncil.org/en>

<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>



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<http://www.grammar-quizzes.com/index.html>
<http://english.baladre.org/sedaviwebfront/grammarindex.htm>
<http://www.englishexercises.org>

Other resources

Para aprendre vocabulario:

McCarthy, Michael and Felicity O'Dell (2005). English Vocabulary in Use. Elementary . Cambridge University Press.

Redman, Stuart (2002). English Vocabulary in Use. Pre-intermediate and intermediate . Cambridge University Press.

McCarthy, Michael and Felicity O'Dell (2001). English Vocabulary in Use. Upper-intermediate and Advanced . Cambridge University Press.

McCarthy, Michael and Felicity O'Dell (2006). English Vocabulary in Use . Advanced . Cambridge University Press.

