University of the Balearic Islands

Teaching guide

Subject identification

Subject	20395 - English for Engineering
Credits	2.4 de presencials (60 hours) 3.6 de no presencials (90 hours) 6 de totals (150 hours).
Group	Group 4, 2S, GTTT (Campus Extens)
Teaching period	2nd semester
Teaching language	English

Professors

Lecturers	Horari d'atenció als alumnes					
	Starting time	Finishing time	Day	Start date	Finish date	Office
Maria Concepción Torrente Cuevas c.torrente@uib.es	09:00h	10:00h	Tuesday	01/02/2015	31/07/2015	Ed. Ramon Llull Desp. AB9

Contextualisation

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 improving 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 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- and even more importantly- orally. That is why this subject will include a considerable amount of conversation and debate in class in which students are supposed to participate actively. The course will go through various aspects of grammar and include a brief introduction to phonetics, so that students are capable of reading the phonological transcription of the words in a dictionary. Great attention will be paid to technical vocabulary, essential to understanding specialised publications, in the fields of both mathematics and telecommunications.

Requirements

Essential requirements

Essential: Previous knowledge of English (Batxiller) This subject will be given entirely in English which is why it is essential that students already have level B1 (Council of Europe level) at the begining of the course.

Recommendable

(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

	Academic year	2014-15
	Subject	20395 - English for Engineering
	Group	Group 4, 2S, GTTT
	Teaching guide	U
	Language	English

University of the Balearic Islands

Teaching guide

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 (C13, Edifici Aulari) 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: http://rrhh.uib.es/digitalAssets/137/137294_aulaangl.pdf)

Skills

Specific

* *TG4. To develop the ability to describe a mathematical problem (in English) and understand the information available in order to solve it appropriately.

Generic

* TG4. To develop the capacity to write, understand and speak English aiming to achieve an intermediate level (B2 in the Common European Framework).
* TG8. To develop the ability to work in a team both in the areas of Mathematics, Telecommunications and other multidisciplinary areas..
* CC3. The ablility to use new technologies to carry out research to build up a bibliography in order to write a technical paper in English both in the areas of mathematics and telecommunications..

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

Theme content

1. LISTENING

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

2. SPEAKING

   Turn taking. Pair conversation in a technical context. Speech and grammar. Fluent and accurate production of the specific sounds of English. Learning how to prepare, carry out and participate in a debate on a technical subject. Preparing and carrying out a presentation on a scientific subject of the student´s choice.

3. READING

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

4. VOCABULARY

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

University of the Balearic Islands

Teaching guide

Academic year	2014-15
Subject	20395 - English for Engineering
Group	Group 4, 2S, GTTT
Teaching guide	U
Language	English

5. WRITING

Applying the grammar rules and vocabulary learned in class to the written text in order to produce a scientific paper that complies with the standard conventions.

6. Course-book

1. Convergence in Telecoms and IT 2. Mobility 3 Software 4. Networking 5. Data centres and security 6. Services 7. Media 8. Society

Teaching methodology

Mobile phones and other electronic devices are NOT allowed in the classroom. Laptop computers are acceptable ONLY if used for purposes related to classroom activity. No electronic device whatsoever (including computers) is allowed in the classroom during exams/practical sessions, unless otherwise specified by the lecturer (e.g., if the practical session entails use of the internet for pedagogical purposes). WARNING It should be noted that plagiarism will always be penalised, in accordance with the UIB's current academic regulations (Reglament Acadèmic), reproduced below: Article 32. Frau: ?Amb independència del procediment disciplinari que es pugui seguir contra l?estudiant infractor, la realització demostradorament fraudulenta d?alguna de les activitats d?avaluació incloses en l?avaluació d?alguna assignatura comportarà, segon les circumstancies, una menysvaloració en la seva qualificació que, en els casos més greus, pot arribar a la qualificació de «suspens» (0,0) a la convocatòria anual. En particular, es considera un frau la inclusió en un treball de fragments d?obres alienes presentats de tal manera que es facin passar com a propis de l?estudiant.

In-class work activities

Modality	Name	Typ. Grp.	Description	Hours
Theory classes	Theory Classes	Large group (G)	These classes 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.Attention will be paid to the process of reading, writing, listening and speaking. In this activity students will work on the generic skills TG4 and TG8.	27
Practical classes	Practical classes	Medium group (M)	These classes will be devoted to medium-group practical sessions in which students will have the oportunity to carry out listening exercises as well as improving their oral skills.In this activity students will work on the generic skills TG4 and TG8.	30
Assessment	Assessment	Large group (G)	A final exam of 3 hours will be devoted to assessing students by means of a written exam (use of English, listening and reading). In this activity students will work on the generic skills TG4.	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 Campus Extens platform.

Academic year	2014-15
Subject	20395 - English for Engineering
Group	Group 4, 2S, GTTT
Teaching guide	U
Language	English

University of the Balearic Islands

Teaching guide

Distance education work activities

Modality	Name	Description	Hours
Individual self-study	Individual study	Itinerary B - Students will plan their individual work and carry out a series of grammar, reading and writing activities selected from different sources. In this activity students will work on the generic skills TG4 abd TG6.	70
Group self-study	Individual and group study	Itinerary A - Students will plan their individual work and carry out a series of grammar, reading and writing activities	20

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

Theory Classes

Modality	Theory classes
Technique	Other methods **(non-retrievable)**
Description	These classes 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.Attention will be paid to the process of reading, writing, listening and speaking. In this activity students will work on the generic skills TG4 and TG8.
Assessment criteria	Class attendance and participation. Students will be assessed according to the skills TG4.

Final grade percentage: 10% for the training plan A
Final grade percentage: 0% for the training plan B

Practical classes

Modality	Practical classes
Technique	Oral tests **(non-retrievable)**
Description	These classes will be devoted to medium-group practical sessions in which students will have the oportunity to carry out listening exercises as well as improving their oral skills.In this activity students will work on the generic skills TG4 and TG8.
Assessment criteria	Dates and times of oral tests to be agreed on at the beginning of the course. Students will be assessed according to the skills TG4.

Final grade percentage: 20% for the training plan A
Final grade percentage: 0% for the training plan B

University of the Balearic Islands

Teaching guide

Academic year	2014-15
Subject	20395 - English for Engineering
Group	Group 4, 2S, GTTT
Teaching guide	U
Language	English

Assessment

Modality	Assessment
Technique	Short-answer tests **(retrievable)**
Description	A final exam of 3 hours will be devoted to assessing students by means of a written exam (use of English, listening and reading). In this activity students will work on the generic skills TG4.
Assessment criteria	Itineraries A & B Students must score a pass in each section (5/10) Use of English 20% Listening 15% Reading 15% and the final pass mark is (6/10). Students will be assessed according to the skill TG4.

Final grade percentage: 50% for the training plan A
Final grade percentage: 50% for the training plan B

Individual study

Modality	Individual self-study
Technique	Papers and projects **(non-retrievable)**
Description	Itinerary B - Students will plan their individual work and carry out a series of grammar, reading and writing activities selected from different sources. In this activity students will work on the generic skills TG4 abd TG6.
Assessment criteria	Itinerary B - three writing exercises (30%) and one oral assignment(20%) - content and dates to be agreed on with the lecturer at the beginning of the course. In this activity students will be assessed according to the skill TG4.

Final grade percentage: 0% for the training plan A
Final grade percentage: 50% for the training plan B

Individual and group study

Modality	Group self-study
Technique	Other methods **(non-retrievable)**
Description	Itinerary A - Students will plan their individual work and carry out a series of grammar, reading and writing activities
Assessment criteria	Itinerary A - Two writing exercises - evaluation criteria to be agreed on at the beginning of the course. Students will be assessed according to the skills TG4.

Final grade percentage: 20% for the training plan A
Final grade percentage: 0% for the training plan B

Resources, bibliography and additional documentation

Basic bibliography

Book of reference related to telematics
Ricca-McCarthy, T& Duckworth, M. (2009). English for telecoms. Oxford: OUP
Para aprender o repasar la gramática del inglés, y además aprender vocabulario:
Murphy, R. and F. Garcia Clemente (2008). Essential Grammar in Use. Cambridge: CUP. 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.
Vince, M. (2008). English grammar in context.Oxford: Macmillan
Vince, M. (2009). First Certificate Language Practice with Key Basingstoke: Macmillan
Online resources for listening

University of the Balearic Islands

Teaching guide

http:// englishlistening.com
http://soundsofenglish.org
http://esl.about.com
http://englishonline.sites.uol.com.br/english/intermediate.htm
http://www.bbc.co.uk/worldservice/learningenglish/language
BBC The British Council
http://www.teachingenglish.org.uk/
http://www.britishcouncil.org/learningenglish-central-grammar-games-archive.htm
Online dictionaries and related resources:
http://www.cobuild.collins.co.uk
http://www.dictionaries.cambridge.org/
http://www.oxforddictionaries.com

Complementary bibliography

Regading content of the subject: photocopies for each unit will be left at the photocopy shop throughout the course.

Other resources

Para aprender vocabulario:
1. McCarthy, Michael and Felicity O'Dell (2005). English Vocabulary. Elementary. Cambridge University Press.
2. Redman, Stuart (2002). English Vocabulary in Use. Pre-intermediate. Cambridge University Press.
3. McCarthy, Michael and Felicity O'Dell (2001). English Vocabulary in Use. Upper-intermediate and Advanced Cambridge University Press.
4. McCarthy, Michael and Felicity O'Dell (2006). English Vocabulary in Use. Advanced. Cambridge University Press.
Estos libros están organizados por temas: política, naturaleza, medios de comunicación, etc., y el vocabulario aparecen usado en contexto, no como simples listas de palabras. Además hay ejercicios para practicar el vocabulario. Cada uno de estos libros contiene 100 temas.
Para mejorar aspectos concretos de la lengua inglesa:
1. Hancock, Mark (2003). English Pronunciation in Use. Cambridge University Press.
2. McCarthy, Michael and Felicity O'Dell (2002). English Idioms In Use. Cambridge University Press.
3. McCarthy, Michael and Felicity O'Dell (2004). English Phrasal Verbs in Use. Cambridge University Press.
4. McCarthy, Michael and Felicity O'Dell (2008). English Collocation in Use. Cambridge University Press.
5. McCarthy, Michael and Felicity O'Dell (2008). English Collocation in Use. Advanced. Cambridge University Press.
6. McCarthy, Michael and Felicity O'Dell (2008). Academic English in Use. Advanced. Cambridge University Press.

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