

BASIC DETAILS:

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| Subject: | INGLÉS PARA INGENIEROS | | |
| Id.: | 33419 | | |
| Programme: | DOBLE GRADO EN INGENIERÍA INFORMÁTICA Y BIOINFORMÁTICA | | |
| Module: | LENGUAS MODERNAS | | |
| Subject type: | MATERIA BASICA | | |
| Year: | 2 | Teaching period: | Annual |
| Credits: | 6 | Total hours: | 150 |
| Classroom activities: | 66 | Individual study: | 84 |
| Main teaching language: | Inglés | Secondary teaching language: | Castellano |
| Lecturer: | MEENAN , KARLA (T) | Email: | kmeenan@usj.es |

PRESENTATION:

English for Information Technology (IT) Engineers is an English language course that linguistically supports students during their studies in the field of IT and later in the multicultural workplace. English in this course (Reading, Speaking, Listening, Writing, Grammar and Vocabulary) will be taught / learned in relation to IT topics and themes. These topics and themes range from technical and academic to social and cultural.

The course starts at a high B2 level and progresses into a C1.

PROFESSIONAL COMPETENCES ACQUIRED IN THE SUBJECT:

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| General programme competences | G03 | Capacity to work in multidisciplinary teams to achieve common objectives, placing group interests before personal ones. |
| | G05 | Capacity to adapt to different environments while being positive and optimistic, orienting your behaviour towards the achievement of goals. |
| | G08 | Ability to communicate effectively about different matters in a variety of professional situations and with the different media available. |
| | G10 | Critical and analytical capacity when assessing information, data and courses of action. |
| | G11 | Ability to get on in a multicultural or international environment, interacting with people of different nationalities, languages and cultures. |
| | G13 | Capacity to use individual learning strategies aimed at continuous improvement in professional life and to begin further studies independently. |
| Specific programme competences | E08 | Capacity to communicate productively with clients, users and colleagues both orally and in writing, so as to pass on ideas, solve conflicts and achieve agreements. |
| | E09 | Capacity to maintain professional competences through independent learning and continuous improvement. |
| | E11 | Capacity to remain up-to-date in the technological and business worlds in the area of information and communication technologies. |
| | E14 | Capacity to define, run and give classes for continuous training programs for the technical personnel. |

PRE-REQUISITES:

Students enrolling in this course are expected to have a minimum of high B1 in English demonstrated by one of the following:

For returning students:

1- having passed English in the first year of the degree programme,

For newly enrolled students:

2-recently having passed (less than 2 years ago) an official exam at the required B1 level (Cambridge or IELTS exams), or

3-by taking the IML level test and achieving a score equivalent to the required B1 level on the Cambridge scale

SUBJECT PROGRAMME:

Subject contents:

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| 1 - Course Review and Self Assessment |
| 1.1 - Language needs analysis |
| 2 - Academic and Professional Language Skills |
| 2.1 - Sources and Plagiarism - Paraphrasing |
| 2.2 - Business Initiatives |
| 2.3 - Writing Workshop |
| 2.4 - Debate |
| 2.4 - Formal and informal academic writing skills |
| 2.5 - Presentation Skills |
| 2.6 - Jobs in ICT |
| 2.7 - Language for Graphs/Images/Infographics |
| 2.8 - Social business skills- Participating in Conferences/Business Culture |
| 2.9 - Ethics |
| 3 - English Language Skills |
| 3.1 - Practicing Genres - describing processes, explanations, proposals and suggestions, sequencing, idioms |
| 3.2 - Vocabulary Work |
| 3.3 - Grammar Work |
| 3.4 - IELTS Preparation |
| 4 - Oral and Written Tests |
| 4.1 - Listening and oral tests |

Subject planning could be modified due unforeseen circumstances (group performance, availability of resources, changes to academic calendar etc.) and should not, therefore, be considered to be definitive.

TEACHING AND LEARNING METHODOLOGIES AND ACTIVITIES:

Teaching and learning methodologies and activities applied:

Classes are conducted exclusively in English. Students are expected to participate in class and in all class-related activities in English. Although this may be difficult for students at the beginning of the course, their linguistic competence will improve rapidly. Classes are practical and communicative. Many class activities will be conducted in pairs and groups in the format of information gaps, debates, project preparation, problem solving, simulations, presentations etc. This methodology enables maximum student participation and talking time in class. It also encourages cooperative learning and meaningful interaction between students and the development of professional competences.

Tutorials

During these sessions, students can ask questions, clarify concepts, ask for additional bibliography either face to face or electronically. Some tutorial time will be devoted to assistance with group work. Your lecturer will inform you about tutorial times.

Independent Study

Students are expected to complete all independent study tasks, which will be uploaded on the PDU every week. These tasks are suited to individual study and the development of reading, writing and listening skills and vocabulary extension. Students are required to upload their completed tasks on the PDU before the deadline. All tasks must be completed as they will be evaluated directly or indirectly (through participation, individual work or group work). It is therefore important that students check the PDU every week.

Student work load:

| Teaching mode | Teaching methods | Estimated hours |
|-----------------------------|---|-----------------|
| Classroom activities | Master classes | 10 |
| | Practical exercises | 9 |
| | Practical work, exercises, problem-solving etc. | 8 |
| | Debates | 7 |
| | Coursework presentations | 12 |
| | Films, videos, documentaries etc. | 4 |
| | Workshops | 6 |
| | Assessment activities | 6 |
| | Tutorials | 4 |
| Individual study | Individual study | 16 |
| | Individual coursework preparation | 20 |
| | Group coursework preparation | 10 |
| | Project work | 12 |
| | Research work | 10 |
| | Compulsory reading | 8 |
| | Portfolio | 4 |
| | Other individual study activities | 4 |
| Total hours: | | 150 |

ASSESSMENT SCHEME:

Calculation of final mark:

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|-------------------------------------|--------------|
| Written tests: | 40 % |
| Individual coursework: | 30 % |
| Group coursework: | 10 % |
| Final exam: | 10 % |
| Self-study tasks and participation: | 10 % |
| TOTAL | 100 % |

*Las observaciones específicas sobre el sistema de evaluación serán comunicadas por escrito a los alumnos al inicio de la materia.

BIBLIOGRAPHY AND DOCUMENTATION:

Basic bibliography:

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| Glendinning, E and McEwan, J. Basic English for Computing, 2009. |
| Grussendorf, M. English for Presentations. OUP, 2008. |
| Jeremy, D. Cambridge English for Job Hunting. CUP, 2008. |
| Kirkpatrick, B and Mock,R. Read and Understand III. Learners Publishing, 2005 |
| McCarthy and Duckworth. English for Telecoms and Information Technology. OUP, 2003 |
| Mills, R. Speaking of Values. Pearson, 2006. |
| Moss. J. Successful Negotiations. Business English Pod, 2009. |
| Bonamy David, Technical English 4, Pearson, 2015 |

Recommended bibliography:

Recommended websites:

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| General UK English learning website | www.bbc.co.uk/worldservice/learningenglish |
| Free English grammar, vocabulary and business English exercises and tests on seven levels, for students and teachers | www.nonstopenglish.com |

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| Specialised talks and conferences in English | www.tedtalks.com |
| Directory of online free computer, programming, engineering, mathematics, technical books | www.freecomputerbooks.com |
| English IT terms | www.pcworld.com |
| Compare English dictionary entries | www.1000dictionaries.com |
| Cambridge Dictionaries Online - English dictionary, English-Spanish translation | www.dictionary.cambridge.org |
| Free online dictionary and thesaurus | www.wordreference.com |
| Online English dictionary | www.merriam-webster.com |
| HowStuffWorks explains thousands of topics, from engines to lock-picking to ESP, with video and illustrations so you can learn how everything works. | www.howstuffworks.com |
| English 4 IT is a self-paced course in technical English for IT students | www.english4it.com |