Course Description:

TECHNOLOGICAL   ENGLISH II

Degree: Industrial Organization Engineering

Academic Year 2016/2017

1.   General Information about the course

Name	Technological English II
Course field	Languages
Code	511103007
Degree	Industrial Organization Engineering Degree
Programme	2009 (Decree 269/2009 31st july)
Faculty	University Centre of Defence. Spanish Air Force Academy.
Type	Compulsory
Duration	Four-month course

Duration	Four-month course	**Year**	2014-2015
Language	English		

ECTS	4.5	**Hours / ECTS**	25	**Total workload (hours)**	112.5

2.   Teaching Staff contact details

Lecturer	Ángela Almela Sánchez-Lafuente PhD
Department	Foreign Languages Department
Area of expertise	Foreign Languages
Office location	University Centre of Defence
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URL / WEB	UPCT virtual class		

Office hours (supervision)	Check Virtual Classroom
Office hours location	Office CUD

Job title	Ayudante Doctor
Teaching experience	Universidad de Murcia (2 years) Universidad Católica San Antonio de Murcia (2 years) Centro Universitario de la Defensa (1 year)
Research lines	Forensic linguistics Computational linguistics Translation and interpreting Second language teaching and learning
Professional	Pre-doctoral scholarship awarded by Universidad de Murcia (Department of Computer Science and Information Systems).

experience	Pre-doctoral scholarship awarded by Fundación Séneca (Department of English, Universidad de Murcia).
	Visiting scholar at Instituto Interuniversitario de Lenguas Modernas Aplicadas de la Comunidad Valenciana.
	Visiting scholar at Fondazione Bruno Kessler Trento (Italy).
	Visiting scholar at Freie Universität Berlin (Germany).
	Visiting scholar at Institute for Linguistic Evidence (Georgetown, DE).
	Researcher in the project "SITIO—Semantic Business Processes based on Software-as-a-Service and Cloud Computing." Indra Software Labs S.L.U., Universidad de Murcia and Universidad Carlos III de Madrid.
	Researcher in the project "SeCLOUD: Semántica en la Nube". Universidad de Murcia.
	Researcher in the project "Desarrollo de un modelo basado en corpus para la extracción y análisis de estructuras léxicas y conceptuales multidimensionales en inglés." Universidad de Murcia.

Lecturer	Florentina Nicolás Conesa PhD
Department	Foreign languages department
Area of expertise	English Language
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URL/Web	UPCT virtual class (www.upct.es)
Office hours (for supervisions)	See virtual class
Office hours location (for supervisions)	Office 45 CUD
Job title	Assistant professor
Academic and Research Profile	English degree PhD in Applied Linguistics. University of Murcia
Teaching experience	Thornton College University of Murcia. Faculty of Arts. University of Murcia. Faculty of Education. ISEN Centro Universitario Centro Universitario de la Defensa
Research interests	Applied linguistics Second and foreign language acquisition Writing processes and written products Students' cognition, learning and teaching The learning potential of writing Nature and effects of written feedback on L2

	language learning
Professional experience	Researcher in national research projects Research student at the University of Murcia Visiting scholar at Nottingham Trent University. Faculty of Social Sciences. Visiting scholar at the University of Amsterdam. Faculty of Arts. Visiting scholar at the University of Amsterdam. Faculty of Social Sciences.

Lecturer	Isabel María García Conesa PhD		
Department	Foreign Languages Department		
Area of expertise	English Language		
Office location	Office 32 - CUD		
Phone	968189934	**Fax**	968189970
E-mail	isabelmaria.garcia@cud.upct.es		
URL/Web	UPCT virtual class (www.upct.es)		
Office hours (for supervisions)	See office hours on Aula Virtual		
Office hours location (for supervisions)	Office -CUD		
Job title	Ayudante		
Academic and research profile	English degree		
Teaching experience	Secondary Education Teacher (5 years) Official School of Languages Teacher (5 years) University of Alicante (5 years) University Centre of Defence (6 years) Bank internal trainer		
Research interests	North-American History and culture vs. Francophone. Didactics of the Foreign Language. New technologies applied to the teaching of a foreign language.		
Professional experience	Research grant by *Instituto Franklin*, University of Alcalá de Henares. Researcher in the research project: *"Aplicación de las nuevas tecnologías a la clase de didáctica de la lengua inglesa: nuevos retos en el aula con nativos digitales"*. University of Alicante Researcher in a working group: "Enseñanza de francés con fines específicos". University of Alicante.		

	Research participation in 3 projects on teaching and new technologies. CEFIRE, Autonomous Community of Valencia.
	Organising committee: "Recorrido histórico-artístico por Madrid en Lengua Francesa". (10 ECTS)
	Organising committee: "Le Bourgeois Gentilhomme"(5 ECTS).
	Financial adviser, liability products.
	Commercial translator for 3 years. Chartered by the "Ilustre Colegio de Licenciados en Filosofía y Letras" in Alicante.
	Foreign trade.
Otros temas de interés	Pre-doctoral research stay at Harvard University. USA: Radcliffe Institute for Advanced Study. Guest lecturer Science Fiction Week. Technical University of Cartagena.

3. Course Description

3.1. General description

Technological English II is a course devoted to the development of students' English language skills in a wide variety of fields, including aeronautical technology.

In this course students will be trained to gradually develop oral and written communication skills, as well as grammar and vocabulary, in a variety of fields (cultural, social, scientific, technological, etc.), so as to progressively acquire an advanced level of the English language (advanced B2 level). This B2 level will be higher than in previous language courses of the degree (i.e English Language I; Technological English I). Therefore, the level will be an advanced B2 level, which corresponds to a low C1 level. In particular, C1 activities will be combined with B2 activities (those which involve a higher degree of complexity).

3.2. How the course contributes to the professional career

Students will be trained in listening comprehension of aeronautical and technological English. They will also learn to make and defend oral and written arguments, convey information and solve problems using English as a language of interaction.

3.3. Relationship with other courses

Technological English II is interrelated with previous language courses of the degree (English Language I; Technological English I).

3.4. Incompatibilities defined in the programme

It is compulsory to have passed Technological English I to pass Technological English II.

3.5. Recommendations

Students are required to have a B2 level before starting the current course.

3.6. Special Foreseen Measures

Special measures will be adopted to allow learners to combine this course with military training activities. More specifically, individual and group tutorials will be scheduled during the whole course. E-tutorials will also be available during the whole academic year.

4. Competences and Learning Outcomes

4.1. Basic curricular competences related to the Course

BC1. Students must know and understand a field of study that has its basis in secondary education for which advanced textbooks are used. In addition, students must also be acquainted with avant-garde knowledge of their field of study.

BC2. Students must know how to professionally apply their knowledge to their work or vocation and have the skills to make and defend arguments and solve problems in their field of study.

BC3. Students must have the ability to collect and interpret important data (normally within their area of study) in order to make judgements considering relevant social, scientific or ethical issues.

BC4. Students must be able to transmit information, convey ideas, and describe problems and solutions to a specialised and non-specialised audience.

BC5. Students must have developed the learning abilities needed to undertake subsequent studies with a high degree of autonomy.

4.2. General curricular competences related to the course

INSTRUMENTAL COMPETENCES

☒ T1.4 Oral and written comprehension skills in a foreign language

PERSONAL COMPETENCES

☒ T2.1 Critical and self-critical ability
☒ T2.2 Team work
☒ T2.3 Interpersonal skills
☒ T2.6 Ability to deal with diversity and multiculturalism
☒ T2.7 Ability to work in an international environment

4.3. Specific curricular competences related to the course

4.4. Transversal curricular competences related to the course

SYSTEMIC COMPETENCES

☒ T3.1 Ability to apply theory to practice
☒ T3.2 Learning ability
☒ T3.3 Ability to adapt to new situations
☒ T3.6 Knowledge of other cultures and customs

4.5. Learning outcomes

By the end of the course, students will have developed receptive (i.e. listening and reading) and productive (i.e. writing and speaking) skills, grammar, and technological vocabulary at an advanced *B2* level according to the *Common European Framework of Reference for Languages*. This B2 level will be higher than in previous language courses of the degree (English Language I; Technological English I). Therefore, the level will be an advanced B2 level, which corresponds to a low C1 level. In addition, students will have also learned some vocabulary about military English.

5.   Contents

5.1. Contents according to the Degree Programme

The contents include a wide range of activities about vocabulary, grammar, translations, reading, listening, writing and speaking following the Common European Framework for the teaching of languages at a B2 level, which will be higher than in previous language courses of the degree (English Language I, Technological English I). This advanced B2 level corresponds to a low C1 level. In particular, C1 activities will be combined with B2 activities (those which involve a higher degree of complexity). In addition, students will also be taught some vocabulary about military English by the USAF staff.

5.2. Theoretical Programme

Unit 1. Aeronautics

Unit 2. Defence technology

Unit 3. Mass transportation

Unit 4. Alternative energy

Unit 5. Career development

Unit 6. Instrumental language

- o   The passive

- o   Making and responding to suggestions

- o   Have/get something done

- o   Compound nouns and adjectives

- o   Quantifiers

- o   Future perfect

- o   Business collocations

- o   Modal verbs: deduction in the present and in the past

o Past forms of modals and related verbs

5.3. Practical Programme

The practical sessions will be devoted to the development of students' listening and speaking skills using a wide range of material from textbooks and Internet resources at an advanced B2 level, which will be higher than in previous language courses of the degree (English Language I; Technological English I). This advanced B2 level corresponds to a low C1 level. In particular, C1 activities will be combined with B2 activities (those which involve a higher degree of complexity).

5.4. Syllabus in English

The Course *Technological English II* aims at the development of an advanced B2 competences, which correspond to a low C1 level, according to the *Common European Framework of Reference for Languages. This advanced B2 level,* which will be higher than in previous language courses of the degree (English Language; Technological English I), corresponds to a low C1 level.

5.5. Detailed description of learning goals

Unit 1. Aeronautics

-Identify and use efficiently key terms about flight.

-Analyze and discriminate information in written and oral texts about air traffic control.

- Analyze and improve English pronunciation.

Unit 2. Defence technology

-Read and speak about non-lethal weapons.

- Analyze and improve English pronunciation.

Unit 3. Mass transportation

-Analyze and use persuasion skills to convince other people.

- Analyze and improve English pronunciation.

Unit 4. Alternative energy

-Identify and use efficiently key terms in alternative energy.

-Make inferences from written texts.

- Analyze and improve English pronunciation.

Unit 5. Career development

-Use future tenses to make predictions and discuss abstract topics.

-Participate in role-plays and interviews.

-Analyze and improve English pronunciation.

Unidad 6. Instrumental English

-Develop English language skills (comprehension and expression) showing an accurate use of language at a higher B2 level (i.e low C1 level) than in previous language courses of the degree (English language I; Technological English I).

6.1. Teaching Methodology

Activity	Teaching Techniques	Student's workload	HOURS
Theoretical sessions	Explanation of contents and guidance for the completion of activities	<u>Attendance</u>: attendance and active participation	30
Practical sessions	Guidance for the completion of activities	<u>Attendance</u>: attendance, active participation, and completion of activities in class	15
		<u>Non-attendance</u>: Previous preparation of practical activities before the sessions	9
Individual tasks	Provision of feedback and guidance	<u>Attendance</u>: completion of individual tasks on reading, listening and use of English in class	10
		<u>Non-attendance</u>: preparation of individual tasks and writing activities at home	18
Tutorials	Guidance	<u>Attendance</u>: attendance to tutorials	5.5
Assessment	Preparation of exams and evaluation	<u>Attendance</u>: Exams	5
		<u>Non-attendance</u>: preparation of exams	20
TOTAL			112.5

6.2. Learning Outcomes (4.5)/ Teaching Methodology (6.1)

Learning outcomes (4.5)	THEORETICAL SESSIONS	PRACTICAL SESSIONS	INDIVIDUAL TASKS	TUTORIALS	ASSESSMENT
	Teaching Methodology(6.1)				
Receptive skills (i.e. listening and reading) B2-C1 level	■	■	■	■	■
Productive skills (i.e. speaking and writing) B2-C1 level	■	■	■	■	■
Grammar and vocabulary B2-C1 level	■	■	■	■	■
Technological vocabulary	■	■	■	■	■
Vocabulary about military English		■		■	■

7. Assessment

7.1. Assessment

Instruments of assessment	Type Summative	Type Formative	Assessment criteria	Weighting (%)	Learning Outcomes (4.5)
Oral exam and listening comprehension exam	■		**Oral exam:** Communicative competence: linguistic accuracy, correct pronunciation, fluency, clarity and coherence (i.e. syntax, semantics and pragmatics) in the presentation of contents according to the expected level in the third year.	15%	-Receptive and productive skills -Grammar -Technological vocabulary -Vocabulary about military English
			Listening comprehension exam: Linguistic accuracy according to the expected level in the third year. Quality and quantity of comprehension according to the expected level in the third year.	15%	
Exam about use of English (grammar and vocabulary)	■		Linguistic accuracy and complexity according to the expected level in the third year.	15%	-Grammar -Technological vocabulary
Reading comprehension exam and written production exam	■		**Reading comprehension:** Quality and quantity of reading comprehension according to the expected level in the third year. **Written production:** Communicative competence in written production: linguistic accuracy and complexity, clarity and coherence (i.e. syntax, semantics and pragmatics) in the sequencing and development of logical ideas (i.e. structure) according to the expected level in the third year	15%	-Receptive and productive skills -Grammar -Technological vocabulary -Vocabulary about military English
Individual tasks — **Essays**		■	Communicative competence in written production: linguistic accuracy and complexity, clarity and coherence (i.e. syntax, semantics and pragmatics) in the sequencing and development of logical ideas (i.e. structure) according to the expected level in the third year.	20%	-Productive skills -Grammar Technological vocabulary

	Practical activities on listening, reading and use of English	■	**Listening and reading activities**: quality and quantity of comprehension according to the expected level in the third year. Linguistic accuracy according to the expected level in the third year. **Use of English:** linguistic accuracy and complexity according to the expected level in the third year.	20%	-Receptive skills -Grammar Technological vocabulary -Vocabulary about military English

IMPORTANT NOTE: In order to pass the course it will be compulsory to obtain 5 points out of 10 in each of the following instruments of assessment: oral exam and listening comprehension exam; use of English exam; reading comprehension exam and written production exam. In case of not obtaining 5 out of 10 points in one or several of the instruments of assessment, the final grade of the course will be the mark obtained in the individual tasks.

7.2. Monitoring of the learning process

Formative evaluation will be carried out throughout the academic year using different instruments such as diagnostic tests and individual tasks. The diagnostic tests will be used to assess learners' initial knowledge. The content of the present syllabus may be adapted and expanded according to the results of the diagnostic tests.

8. Resources and Bibliography

8.1. Basic Suggested Bibliography

Glendinning, E.H., & Pohl, A. (2008). *Oxford English for Careers: Technology 2.* Oxford: Oxford University Press.

Hewings, M. (2010). *Advanced Grammar in Use.* Cambridge: Cambridge University Press.

Murphy, R. (2010). *English Grammar in Use*. Cambridge: Cambridge University Press.

Redston, C., Cunningham, G., & Clementson, T. (2011). *Face 2 face Upper Intermediate* Cambridge: Cambridge University Press.

Vince, M. (2008). *English Grammar in Context*. *Advanced. Oxford: Macmillan.*

8.2. Supplementary Bibliography

Butler, L. (2007). *Fundamentals of academic writing*. Pearson

García de la Cuesta, J. (2011) *Aviation terminology.Terminología aeronáutica.* Diccionario aeronáutico español-inglés/inglés-español. Díaz de Santos (Barcelona).

Hancock, M., & Donna, S. (2012). *English pronunciation in use intermediate*. Cambridge University Press

Hogue, A. (2008). *First steps in academic writing*. Pearson

Marks, J.(2007). *English pronunciation in use (elementary).* Cambridge University Press

Oshima, A., & Hogue, A. (2006). *Introduction to academic writing*. Pearson

Oshima, A., & Hogue, A. (2006). *Writing Academic English*. Pearson

Oxeden, C., & Latham-Koenig, Ch. (2008). *New English File. Upper Intermediate*. Oxford

University Press.

Shawcross, P.(1992). *English for aircraft 1: documentation handbook*. Éditions Belin (Paris)

Velasco Sales, J.(1994). *Diccionario aeronáutico civil y militar*. Paraninfo

8.3. Resources online

http://www.bbc.com/news

http://www.bbc.co.uk/radio

http://dictionary.cambridge.org/

http://www.collinsdictionary.com/dictionary/english-spanish

http://www.internetradiouk.com/#talk-sport-uk

http://www.listenlive.eu/uk.html

http://www.macmillandictionary.com/

http://www.nytimes.com/

http://www.oxforddictionaries.com/

http://www.surfmusic.de/country/uk.html

http://www.thebigproject.co.uk/news/#.VbmOacIw9kg