UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				2018/19
Subject (*)	Technical English		Code	670G01037
Study programme	Grao en Arquitectura Técnica			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fourth	Optional	6
Language	GalicianEnglish			
Teaching method	Face-to-face			
Prerequisites				
Department	Letras			
Coordinador	Perez Janeiro, Purificacion	E-mail	purificacion.pjaneiro@udc.es	
Lecturers	Perez Janeiro, Purificacion	E-mail	purificacion.pjaneiro@udc.es	
Web				
General description	Study of technical texts in building construction			

Study programme competences	
Code	Study programme competences
A17	Dominar de forma oral e escrita un idioma estranxeiro no nivel técnico propio do ámbito da edificación.
B1	Capacidade de análise e síntese.
B3	Capacidade para a procura, análise, selección, utilización e xestión da información.
B8	Capacidade para traballar nun equipo de carácter interdisciplinario.
B9	Capacidade para traballar nun contexto internacional.
B11	Recoñecemento e apreciación da diversidade e a multiculturalidade.
B13	Compromiso ético.
B17	Creatividade e innovación.
B20	Coñecemento de outras culturas e costumes.
C2	Mastering oral and written expression in a foreign language.
C3	Using ICT in working contexts and lifelong learning.
C4	Acting as a respectful citizen according to democratic cultures and human rights and with a gender perspective.
C6	Acquiring skills for healthy lifestyles, and healthy habits and routines.
C7	Developing the ability to work in interdisciplinary or transdisciplinary teams in order to offer proposals that can contribute to a sustainable environmental, economic, political and social development.
C8	Valuing the importance of research, innovation and technological development for the socioeconomic and cultural progress of society.

Learning outcomes			
Learning outcomes	Study programme competences		
A17, B1, B9, B20, C2, C4, C8 Ability to analyze and summarize		B1 B3 B20	C2
Advanced oral and written knowledge of English in building construction	A17	B1	C2
To know different cultures		B9 B17	
To be a critical, open minded, democratic citizen who is able to solve problems		B8 B9 B11 B13	C4 C7
To have an advanced knowledge of English		B20	C2

To recognize the value of technical innovations in our society			C3 C6 C8

Contents	
Topic	Sub-topic
1. Position and location of buildings. Verbs of position. 2. Word formation. Plurals.Greek and Latin endings. Formulae and dates. 3. Complex noun phrases.The article. 4. The Passive voice. Impersonal Passive in Technical English 5. Present perfect/ Simple Past. Order of paragraphs in technical English. 6. Conditional clauses. Experiments. 7. Relative clauses. Ing- construction. 8. Modal verbs. Writing letters. 9. Anglosaxon Genitive / Of- construction. 10. Idioms. Phrasal Verbs.	1. Foundations. Concrete technology. Constructing a building. 2. Friction. Gravity. Surface area ratio in building construction. 3. Refrigeration. Evaporation. Convection. 4. Dead loads/live loads. Solid walling. 5. Cohesion and permeability. Elasticity. 6. Corrosion. Acoustics in architecture.. 7. Skyscrapers. Detached, semidetached houses. 8. Climates in building construction. Air conditioning. Heating. Insulation. 9. Roofs. Slates. 11. Stress. Thrust/drag. Flight. Factor of safety. Levers. 12. Architects/technical architects. Description of Pirelli Buildingh/farnswotrh house by Mies van der Rohe.

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Workbook	B1 B3	8	23	31
Directed discussion	B8 B9 B11	5	3	8
Guest lecture / keynote speech	B20 C2 C6	15	5	20
Case study	B17 C7	8	20	28
Problem solving	B13 C4 C8	2	27	29
Supervised projects	A17 B1 C3	2	30	32
Personalized attention		2	0	2
(*)The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.				

Methodologies	
Methodologies	Description
Workbook	.Reading and Comprehension of Building construction texts
Directed discussion	Analysis of technical texts following different methods to solve a problema. Advantages disadvantages of materials, methods...
Guest lecture / keynote speech	Study of the structure of Technical English. Projects. Technical reports
Case study	Technical texts. Building proyects. Famous buildings.
Problem solving	Problemas constructivos e solucións. Problemas de materiais e acústica en edificios
Supervised projects	Translations, reports and letters in building construction

Personalized attention	
Methodologies	Description

Supervised projects Case study Problem solving Guest lecture / keynote speech Directed discussion Workbook	The aim is to acquire advanced knowledge ,oral and written, of the English used in building construction. Comprehension and translations of texts are of utmost importance. Theory and practice will be combined and the final exam will assess the comprehension and translation of technical texts.

Assessment			
Methodologies	Competencies	Description	Qualification
Supervised projects	A17 B1 C3	Translation, reports and letters	30
Case study	B17 C7	Technical texts. Translations. Vocabulary.	20
Problem solving	B13 C4 C8	Solving problems in building construction texts	15
Guest lecture / keynote speech	B20 C2 C6	Grammar and organization of texts.	10
Directed discussion	B8 B9 B11	Procedures and analysis of materials. Contrast paragraphs. Addition	10
Workbook	B1 B3	Comprehension of technical texts. Multiple choice. Summaries	15

Assessment comments
Assessable activities will be 50% of the final grade and the exam will be 50% of the final grade.Students taking the exam at the second opportunity in July and have done 50% of the activities along the term, will do the exam only. Students not having 50% of the activities will do the exam (50%) and will do a written exercise(50% of the grade) 4-6 pages in lenghth about a topic from this guide. Students not present aat either of the opportunities will be deemed as absent from assessment(np)´.Following the Academic and Titles Deputy Vicechancellos regulations, students failing the first opportunity and not present at the second opportunity, will appear as ´not passed the exam´. Part time students or students with academic licence must do a written work(50% of the grade) and the exam (50% of the final grade)Students sitting for the December examination will be assessed according to the criteria specified for theJuly opportunity

Sources of information	
Basic	- Bates,M.; Dudley Evans, T. (1982). English for Science and Technology.. Essex: Longman - Cummings, J. (1982). English for Science and Technology: Architecture and Building Construction. Essex: Longman - Glendenning; E.H. (1994). English in Mechanical Engineering. Oxford: OUP - Hashemi, L. (2000). English Grammar in Use. Cambridgr: CUP - Thomson, A.J.; Martinet, A.V. (1993). A Practical English Grammar. Oxford: OUP - Waterhouse, G. (1988). English for the Construction Industry. McMillan: London - Franco Ibeas, F. (1988). Diccionario tecnológico InglésEspañol. Alhambra: Madrid - Beigbeder Atienza, F. (1986). Nuevo diccionario politécnico de las lenguas española e inglesa. Castilla: Madrid - www.usingenglish.com (). . - www.bellenglish.com (). . - www. learning english.net (). . - www.english-online.org.uk (). .
Complementary	

Recommendations
Subjects that it is recommended to have taken before
Subjects that are recommended to be taken simultaneously

Subjects that continue the syllabus
Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.