Universida_{de}Vigo

IDENTIFYING DATA
Technical English

Subject	Technical English
Code	V04M127V01105
Study programme	(*)Máster Universitario en Procesos de Deseño e Fabricación Mecánica

Descriptors	ECTS Credits		Choose	Year	Quadmester
	3		Mandatory	1st	1st

Teaching language	Spanish
Department	
Coordinator	Peláez Lourido, Gustavo Carlos
Lecturers	Cerqueiro Pequeño, Jorge Peláez Lourido, Gustavo Carlos Prieto Renda, Daniel Tjahjono , Benny Eko
E-mail	gupelaez@uvigo.es
Web	http://webs.uvigo.es/mastercadcam
General description	(*)O idioma inglés é chave para calquer técnico, xestor ou director de tecnoloxías e sistemas de deseño e fabricación mecánica

Competencies

Code	
A2	(*)Que os estudantes saiban aplicar os coñecementos adquiridos e a súa capacidade de resolución de problemas en contornos novos ou pouco coñecidos dentro de contextos máis amplos (ou multidisciplinares) relacionados coa súa área de estudo.
A3	(*)Que os estudantes sexan capaces de integrar coñecementos e se enfrontar á complexidade de formular xuízos a partir dunha información que, sendo incompleta ou limitada, inclúa reflexións sobre as responsabilidades sociais e éticas vinculadas á aplicación dos seus coñecementos e xuízos.
A4	(*)Que os estudantes saiban comunicar as súas conclusións, e os coñecementos e razóns últimas que as sustentan, a públicos especializados e non especializados dun xeito claro e sen ambigüidades.
A5	(*)Que os estudantes posúan as habilidades de aprendizaxe que lles permitan continuar estudando dun xeito que terá que ser, en grande medida, autodirixido e autónomo.
B7	
C3	
D2	
D4	
D5	
D6	

Learning outcomes

Expected results from this subject	Training and Learning Results
1. Endow to the student of the specific vocabulary of his field to communicate without obstacles on technical subjects with foreign people.	A3 A4 A5 B7 C3 D2 D4 D5

2. Endow To interpret and draft reports, instructions and and e-mails with technical content in English	A2
	A3
	B7
	C3
	D4
	D5
	D6

Contents

Topic	
1. General presentation Skills	- Common expressions in the presentations. - Oral expression. - How to make a presentation.
3. English in the field of the design and the selection of materials	- Describe specific materials. - Classify Materials. - Specify and describe properties. - Qualitative characteristics.
4. Components and assemblings in the field of the installations, manufacture, service and quality	- Describe the form and characteristic of components. - Explain and value manufacturing technologies. - Explain technologies of union and fixation. - Describe positions of components assembled.

Planning

	Class hours	Hours outside the classroom	Total hours
Master Session	3	0	3
Proceedings	1	0	1
Case studies / analysis of situations	4	6	10
Seminars	1	1	2
Presentations / exhibitions	4	12	16
Classroom work	2	0	2
Tutored works	0	10	10
Forum Index	0	2	2
Previous studies / activities	0	2	2
Autonomous practices through ICT	0	3	3
Projects	1	7	8
Introductory activities	2.8	0	2.8
Multiple choice tests	0.3	7	7.3
Systematic observation	0.4	0	0.4
Self-assessment tests	0.1	0	0.1
Jobs and projects	0.4	5	5.4

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Master Session	Exhibition by part of the professor of the contents on the matter object of study, theoretical bases and/or guidelines of a work, exercise or project to develop by the student.
Proceedings	Open talk between a group of students. It can centre in a subject of the contents of the matter, in the analysis of a case, in the result of a project, exercise or problem developed previously in a lecture
Case studies / analysis of situations	Analysis of a fact, problem or real event with the purpose to know it, interpret it, resolve it, generate hypothesis, contrast data, *reflexionar, complete knowledges, diagnose it and train in alternative procedures of solution.
Seminars	Activities focused to the work on a specific subject, that allow to deepen or complement the contents of the matter. Can employ as I complement of the theoretical classes.
Presentations / exhibitions	Exhibition by part of the students iin front of the educational and/or a group of students of a subject on contents of the matter or of the results of a work, exercise, project... Can carry out of individual way or in group.
Classroom work	The student develops exercises or projects in the classroom under the guidelines and supervision of the professor. It can be linked his development with autonomous activities of the student.
Tutored works	The student, of individual way or in group, elaborates a document on the thematic of the matter or prepares seminars, investigations, memories, essays, summaries of readings, conferences, etc. Generally treats of an autonomous activity of/of the student/s that includes the research and collected of information, reading and handle of bibliography, editorial...

Forum Index	Activity developed in some virtual surroundings in which they debate diverse subjects related with the academic field and/or professional
Previous studies / activities	Research, reading and work of documentation, proposals of resolution of problems and/or exercises that will realise in the classroom and/or laboratory of autonomous form by part of the students.
Autonomous practices through ICT	Activities of application of the knowledges to concrete situations and of acquisition of basic skills and procedures related with the matter object of study. They are developed through the TIC of autonomous way.
Projects	Realisation of activities that allow the cooperation of several subjects and confront to the students, working in team, to open problems. They allow to train, between others, the capacities of learning in cooperation, of leadership, of organisation, of communication and of strengthening of the personal relations.
Introductory activities	Activities directed to take contact and gather information on the students, as well as to present the subject.

Personalized attention

Methodologies	Description
Proceedings	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Case studies / analysis of situations	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Presentations / exhibitions	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Classroom work	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Tutored works	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Projects	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Tests	**Description**

Multiple choice tests	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Systematic observation	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Self-assessment tests	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.
Jobs and projects	The personalised attention carries out through tutorials with the educational of the matter and coordinators. The students will have the information of tutorials necessary to clear any doubt related so much with theoretical classes like practices along the course. Also they will be able to realise tutorials for the groups of projects. The schedules detailed will be supplied by the teachers of the matter. It will be created an exercise designated queries in the platform to attend general questions with regard to the development of the matter. They will propose complementary exercises for the reinforcement to the learning of the contents of the matter, headed to the students that show difficulties to follow of form adapted the development of the classes of theory and practical.

Assessment

	Description	Qualification	Training and Learning Results			
Multiple choice tests	Proofs developed in any one of the formats of the questionnaire of the platform, with priority for the ones of multiple election and only one answer. Results of learning: Endow to the student of the specific vocabulary of his field to communicate without obstacles on technical subjects with foreign people	33.4	A3 A4 A5	B7	C3	D2 D4 D5
Systematic observation	Group of technics and tools to gather information of the student, from the analysis of appearances such like attendance and attitude: participation, dynamism, adaptation, collaboration, proactivity, etc. Results of Learning: Endow to interpret and draft reports, instructions and and e-mails with technical content in English	17.3	A2 A3	B7	C3	D4 D5 D6
Self-assessment tests	Proofs in which the student values his attainments in function of the aims proposed and determines the factors that can influence in his performance. They develop the continuous evaluation like part of the registered attendance. Results of Learning: Endow to the student of the specific vocabulary of his field to communicate without obstacles on technical subjects with foreign people	16	A3 A4 A5	B7	C3	D2 D4 D5
Jobs and projects	The students is evaluated through the exhibition in front of a jury of professors of the matter of the works and/or projects realised of individual form or in group. Results of learning: Endow to interpret and draft reports, instructions and and e-mails with technical content in English	33.3	A2 A3	B7	C3	D4 D5 D6

Other comments on the Evaluation

Ethical commitment:

It expects that the present student a suitable ethical behaviour. In case to detect a no ethical behaviour (copy, plagiarism, utilisation of unauthorised electronic devices, for example), will consider that the student does not gather the necessary requirements to surpass the matter. Depending of the type of behaviour no ethical detected, could conclude that the student has not reached the necessary competitions to surpass the matter.

It expects of the student a respectful behaviour, worthy and of collaboration with the educational system, teachers, coordination and personnel of administration and services of the master. Any question been due to the fault of ethical and worthy behaviour of the student will be able to have repercussion on the evaluation of the matter.

As it establishes in the memory of the title inside the general procedure to value the process and the results: In each matter the responsible professor will assign a note to each student in function of his attitude and participation.

For this matter, in concrete, in the component self -value and in the one of systematic observation, will be able to be considered the attendance and for this will take into account the signatures of the students in the face-to-face sessions.

It will publish , anyway and in each academic course, rules of evaluation to clear how can group and disseminate these percentages to complete the deployment of the distribution of the system proposed in the memory of the master to the educational guides of each matter.

Sources of information
Ibbotson, Mark, **Cambridge English for Engineering**, 1ª,
Ibbotson, Mark, **Professional English in Use**, 1ª,
McCarthy, Michael & Felicity O'Dell, **English Vocabulary in Use. Upper-Intermediate & Advanced.**, 1ª,
Hewings, Martin, **Advanced Grammar in Use**, 2ª,
McCarthy, Michael & Felicity O'Dell, **English Vocabulary in Use. Upper-Intermediate & Advanced.**, 1ª,
Shovel, Martin, **Making Sense of Phrasal Verbs**, 1ª,
Swan, Michael, **Practical English Usage**, 2ª,
Jones, Daniel, **English Pronouncing Dictionary**, 15ª,
Cambridge Word Selector, 1ª,

Lecture Notes, supplied preferably through the platform FAITIC

Recommendations

Subjects that it is recommended to have taken before

Planning, Management and Development Projects/V04M127V01101

(*)Sostibilidade no Deseño de Produtos e Sistemas de Fabricación/V04M127V01103

Other comments

The communications with the students will do through the education Platform Faitic, by what is necessary that the student access to the space of the matter in the platform previously to the start of the teaching. Before the realisation of the proofs of evaluation, recommends consult the Platform FAITIC to confirm the date, place, recommendations, etc., as well as the need to have of rule, manual or any another material for the realisation of the examinations and resolution of works no face-to-face.