

**1. General information****Course:** TECHNICAL ENGLISH**Type:** ELECTIVE**Degree:** 351 - UNDERGRADUATE DEGREE PROG. IN MECHANICAL ENGINEERING (ALM)**Center:** 106 - SCHOOL OF MINING AND INDUSTRIAL ENGINEERING**Year:** 4**Main language:** English**Use of additional languages:****Web site:****Code:** 56433**ECTS credits:** 6**Academic year:** 2020-21**Group(s):** 55 56**Duration:** C2**Second language:****English Friendly:** N**Bilingual:** N**Lecturer:** MARIA ANGELES CARRASCO GARCIA - Group(s): 55 56

Building/Office	Department	Phone number	Email	Office hours
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**2. Pre-Requisites**

Not established

**3. Justification in the curriculum, relation to other subjects and to the profession**

Not established

**4. Degree competences achieved in this course****Course competences**

Code	Description
A06	Command of a second foreign language at B1 level of the Common European Framework of Reference for Languages.
A07	Knowledge of Information Technology and Communication (ITC).
A08	Appropriate level of oral and written communication.
A19	Ability to work in a multilingual and multidisciplinary environment.
CB01	Prove that they have acquired and understood knowledge in a subject area that derives from general secondary education and is appropriate to a level based on advanced course books, and includes updated and cutting-edge aspects of their field of knowledge.
CB02	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB03	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB04	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CB05	Have developed the necessary learning abilities to carry on studying autonomously
G14	Ability to produce and write texts of a technical nature. Ability to develop works in a multilingual environment.

**5. Objectives or Learning Outcomes****Course learning outcomes**

Description

The student will be able to do and write a simple text of a technical nature relating to their speciality

The student will be able to express themselves orally in English

The student will be able to work in a multilingual environment

**6. Units / Contents****Unit 1:**

Unit 1.1

**Unit 2:**

Unit 2.1

Unit 2.2

Unit 2.3

Unit 2.4

Unit 2.5

**Unit 3:**

Unit 3.1

**Unit 4:**

Unit 4.1

**Unit 5:**

Unit 5.1

**Unit 6:**

Unit 6.1

**Unit 7:**

## Unit 7.1

Unit 8:

Unit 9:

Unit 10:

7. Activities, Units/Modules and Methodology							
Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Combination of methods	A06 A07 A08 A19 CB01 CB04 CB05 G14	0.48	12	N	-	
Other on-site activities [ON-SITE]	Group Work	A06 A07 A08 A19 CB01 CB05 G14	0.92	23	N	-	
Laboratory practice or sessions [ON-SITE]	Reading and Analysis of Reviews and Articles	A06 A07 A08 A19 CB01 CB02 CB03 CB05 G14	0.4	10	Y	N	
Project or Topic Presentations [ON-SITE]	Combination of methods	A06 A07 A08 A19 CB01 CB02 CB03 CB05 G14	0.48	12	Y	N	
Final test [ON-SITE]	Other Methodologies	A06 A07 A08 A19 CB04 CB05 G14	0.12	3	Y	N	
Study and Exam Preparation [OFF-SITE]	Other Methodologies	A06 A07 A19 CB01 CB02 CB03 CB05 G14	3.6	90	N	-	
<b>Total:</b>			<b>6</b>	<b>150</b>			
<b>Total credits of in-class work: 2.4</b>				<b>Total class time hours: 60</b>			
<b>Total credits of out of class work: 3.6</b>				<b>Total hours of out of class work: 90</b>			

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Final test	50.00%	50.00%	
Oral presentations assessment	25.00%	25.00%	
Projects	25.00%	25.00%	
<b>Total:</b>	<b>100.00%</b>	<b>100.00%</b>	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
<b>Hours</b>	<b>hours</b>
Final test [PRESENCIAL][Other Methodologies]	3
<b>Unit 1 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 52:	
<b>Initial date:</b> 21/01/2016	<b>End date:</b> 31/01/2016
Group 53:	
<b>Initial date:</b> 21/01/2016	<b>End date:</b> 31/01/2016
Group 55:	
<b>Initial date:</b> 21/01/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 21/01/2016	<b>End date:</b>
Group 50:	
<b>Initial date:</b> 23/01/2016	<b>End date:</b> 31/01/2016
<b>Unit 2 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 01/02/2016	<b>End date:</b> 08/02/2016

Group 52:	
<b>Initial date:</b> 01/02/2016	<b>End date:</b> 08/02/2016
Group 53:	
<b>Initial date:</b> 01/02/2016	<b>End date:</b> 08/02/2016
Group 55:	
<b>Initial date:</b> 01/02/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 01/02/2016	<b>End date:</b>
<b>Unit 3 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 11/02/2016	<b>End date:</b> 15/02/2016
Group 52:	
<b>Initial date:</b> 11/02/2016	<b>End date:</b> 15/02/2016
Group 53:	
<b>Initial date:</b> 11/02/2016	<b>End date:</b> 15/02/2016
Group 55:	
<b>Initial date:</b> 11/02/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 11/02/2016	<b>End date:</b>
<b>Unit 4 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 18/02/2016	<b>End date:</b> 22/02/2016
Group 52:	
<b>Initial date:</b> 18/02/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 18/02/2016	<b>End date:</b>
Group 55:	
<b>Initial date:</b> 18/02/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 18/02/2016	<b>End date:</b>
<b>Unit 5 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 12/03/2016	<b>End date:</b> 19/03/2016
Group 52:	
<b>Initial date:</b> 12/03/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 12/03/2016	<b>End date:</b>
Group 55:	
<b>Initial date:</b> 12/03/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 12/03/2016	<b>End date:</b>
<b>Unit 6 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 25/03/2016	<b>End date:</b> 29/03/2016
Group 52:	
<b>Initial date:</b> 25/03/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 25/03/2016	<b>End date:</b>

Group 55:	
<b>Initial date:</b> 25/03/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 25/03/2016	<b>End date:</b>
<b>Unit 7 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 15/04/2016	<b>End date:</b> 19/04/2016
Group 52:	
<b>Initial date:</b> 15/04/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 15/04/2016	<b>End date:</b>
Group 55:	
<b>Initial date:</b> 15/04/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 15/04/2016	<b>End date:</b>
<b>Unit 8 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 29/04/2016	<b>End date:</b> 10/05/2016
Group 52:	
<b>Initial date:</b> 29/04/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 29/04/2016	<b>End date:</b>
Group 55:	
<b>Initial date:</b> 29/04/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 29/04/2016	<b>End date:</b>
<b>Unit 9 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
Group 50:	
<b>Initial date:</b> 07/05/2016	<b>End date:</b> 14/05/2016
Group 52:	
<b>Initial date:</b> 07/05/2016	<b>End date:</b>
Group 53:	
<b>Initial date:</b> 07/05/2016	<b>End date:</b>
Group 55:	
<b>Initial date:</b> 07/05/2016	<b>End date:</b>
Group 56:	
<b>Initial date:</b> 07/05/2016	<b>End date:</b>
<b>Unit 10 (de 10):</b>	
<b>Activities</b>	<b>Hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	1.2
Other on-site activities [PRESENCIAL][Group Work]	2.3
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	1
Project or Topic Presentations [PRESENCIAL][Combination of methods]	1.2
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	9
<b>Global activity</b>	
<b>Activities</b>	<b>hours</b>
Class Attendance (theory) [PRESENCIAL][Combination of methods]	12
Other on-site activities [PRESENCIAL][Group Work]	23
Laboratory practice or sessions [PRESENCIAL][Reading and Analysis of Reviews and Articles]	10
Project or Topic Presentations [PRESENCIAL][Combination of methods]	12
Final test [PRESENCIAL][Other Methodologies]	3
Study and Exam Preparation [AUTÓNOMA][Other Methodologies]	90
<b>Total horas: 150</b>	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
Aitken, Rosemary.	Help with Grammar.	Heinemann			1993	
Alexander L.G	Longman Advanced Grammar Practice.	Longman.			1999	
Allene, Tuck.	Oxford Dictionary of Business English.	Oxford University Press			1993	
Atkins, Tony	A dictionary of mechanical engineering /	Oxford University Press,		978-0-19-958743-8	2013	
Bird, John	Mechanical engineering principles	Newnes		0-7506-5228-4	2002	
Chapman E.	English Grammar and Exercises	Longman			1999	
Eastwood, John	A basic English grammar: exercises : with key	Oxford University Press		0-19-432941-0	1984	
Forsyth, Will and Lavender Sue.	Grammar Practice Activities.	Cambridge University Press			1988	
Glendinning, Eric H.	Oxford English for Electrical and Mechanical Engineering	Oxford University Press		0-19-457392-3	2001	
Lindeburg, Michael R.	Practice problems for the mechanical engineering PE exam	Professional Publications		978-1-59126-130-8	2008	
Sinclair, J. McH.	A course in spoken english: grammar	Oxford University Press		0-19-435215-3	1972	
	Engineering: civil and mechanical engineering	Macmillan		0-02-973660-9	1984	
Dunn, Marian	English for mechanical engineering in higher education	Garnet Education		978-1-85964-947-3	2010	