

TECHNICAL ENGLISH FOR CHEMISTS

1	Course Title:	TECHNICAL ENGLISH FOR CHEMISTS	
2	Course Code:	KIM1004	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	2	
7	ECTS Credits Allocated:	2.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. MESUT GÖRÜR	
15	Course Lecturers:	Doç. Dr. Mesut GÖRÜR	
16	Contact information of the Course Coordinator:	mesutgorur@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of the course is to enable students to have basic knowledge to master chemical terminology and express chemical processes concisely and fluently.	
19	Contribution of the Course to Professional Development:	Students will be able follow scientific literature and communicate written/verbal information in simple English sentences.	
20	Learning Outcomes:		
		1	Students are able to read, write and understand technical writings on chemistry in English.
		2	Students are able to read and comprehend any technical report on chemistry written in English.
		3	Students are able to use scientific vocabulary and terminology to give/write technical report on chemistry in English.
		4	Students are able to read and write chemical procedures in English.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction of the course (definition of science, fields of science)		
2	Scientific writing 1 (chemistry, fundamental concepts in chemistry)		

3	Scientific writing 2 (chemical units and laboratory equipments)	
4	Scientific writing 3 (Periodic table)	
5	Rephrasing 1 (states of matter)	
6	Rephrasing 2 (chemical reactions)	
7	Midterm Exam	
8	Organizing Information (Organic reactions)	
9	Writing Styles in Chemistry (Thermochemistry)	
10	Discussion of Chemistry Journal Articles 1	
11	Discussion of Chemistry Journal Articles 2	
12	Discussion of Student Written Drafts	
13	Discussion of Student Written Drafts	
14	Discussion of Student Final Written Assignment	

22	Textbooks, References and/or Other Materials:	Course Book(s): Marting Bates, Tony Dudley-Evans, English for Science and Technology, Longman, 1983, N. A. Burnham, F. L. Hutson, "Scientific English as a Foreign Language", (2007) Basic English for Science, Oxford University Press 1978 http://www.upjs.sk/public/media/3499/English-for-Chemists.pdf Robinson, M.S.; Stoller, F.L.; Constanza-Robinson, M.S.; Jones, J.K. Write Like A Chemist Oxford University Press
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Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	2.00	28.00
Practicals/Labs		0	0.00	0.00
23 Assessment				
Self study and preperation		14	1.00	14.00
Homeworks		0	0.00	0.00
Projects				
Midterm Exam	1	40.00	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams				
Home work project	0	0.00	10.00	10.00
Others		0	0.00	0.00
Final Exams	2	100.00	10.00	10.00
Total				62.00
Total Work Load				62.00
Success Grade/ 30 hr				2.07
ECTS Credit of the Course				2.00

Total	100.00
Measurement and Evaluation Techniques Used in the Course	Classic exams with multiple choice and/or open-ended questions

24	ECTS / WORK LOAD TABLE
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	4	3	3	0	0	0	4	0	5	0	4	5	0	0	0	0
ÖK2	4	3	3	0	0	0	4	0	5	0	4	5	0	0	0	0

ÖK3	4	3	3	0	0	0	4	0	5	0	4	5	0	0	0	0
ÖK4	4	3	3	0	0	0	4	0	5	0	4	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			