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, New York. 2008. General Chemistry Principles and Modern Applications. Ninth Edition, Pearson International Edition. Petrucci, R.H.; Harwood, W.S.;
23	Assesment	

TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
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**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	1.00	14.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			62.00
Total work load/ 30 hr			2.07
ECTS Credit of the Course			2.00

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**