

INDUSTRIAL CHEMISTRY I

1	Course Title:	INDUSTRIAL CHEMISTRY I	
2	Course Code:	KIM4001	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
7	ECTS Credits Allocated:	4.00	
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:	Prof. Dr. NACİYE TÜRKEK	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	nturkel@uludag.edu.tr tel:2941730	
17	Website:		
18	Objective of the Course:	Introduction of inorganic technology-intensive industries	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Inorganic Technology-intensive industries will be learned.
		2	Acquired the ability to use information will be won.
		3	The types of fossil fuels and other energy will be learned.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Chemical production technology		
2	Definitions		
3	Fundamental chemical processes and basic principles of chemical production		
4	Water technology		
5	Fossil fuels		
6	Other energy types		
7	Ceramic industry		

8	Cement industry	
9	Repetition of previous lessons and midterm	
10	Glass industry	
11	Nitrogen industry	
12	Chlorine- alkaline industry	
13	Sulfur and sulfuric acid industries	
14	Phosphate industries	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
Midterm Exam	1	40.00	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preparation	0	0.00	2.00	28.00
Homeworks		14	1.00	14.00
Projects	2	100.00	0.00	0.00
Field Studies		0	0.00	0.00
Success Grade				
Midterm exams		1	22.00	22.00
Others		0	0.00	0.00
Final Exams		100.00	30.00	30.00
Total Work Load				122.00
Course work load/ 30 hr				4.07
ECTS Credit of the Course				4.00

LO: Learning Objectives **PQ: Program Qualifications**

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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