

CHEMICAL INDUSTRY IN TURKEY

1	Course Title:	CHEMICAL INDUSTRY IN TURKEY	
2	Course Code:	KIM0505	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	4.00	
8	Theoretical (hour/week):	3.00	
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. ALİ KARA	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	Prof. Dr. Ali Kara akara@uludag.edu.tr 0 224 29 41 733	
17	Website:		
18	Objective of the Course:	Have students learn the basics about industrial chemistry.	
19	Contribution of the Course to Professional Development:	To be able to follow innovations and apply them in the field by using the competence of collecting information, researching and analyzing them.	
20	Learning Outcomes:		
		1	Learning the basic concepts of industrial chemistry.
		2	Learning the industrial processes.
		3	
		4	
		5	
		6	
		7	
		8	
		9	
		10	
21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Technologies for chemical production		
2	Basic concepts about industrial chemistry		
3	Basic chemical processes used for chemical production		
4	Water, Importance of water for industry		
5	Fossil Fuels		

6	Cement Industry	
7	Glass Industry	
8	Soil Industry	
9	Applications of the Course and Midterm	
10	Chlorine-alkaline industry and acid industry	
11	Dye industry	
12	Cosmetic industry	
13	Plastics industry	
14	Plastics industry	

22	Textbooks, References and/or Other Materials:	Industrial Chemistry Books, journals and web sites.
----	-----------------------------------------------	-----------------------------------------------------

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
------------------------------------------------------------------	-------

Activites	Number	Duration (hour)	Total Work Load (hour)
-----------	--------	-----------------	------------------------

Theoretical	14	3.00	42.00
Measurement and Evaluation Techniques Used in the Measurement and evaluation is carried out according to			
Practicals/Labs	0	0.00	0.00
Self study and preparation	12	4.00	48.00

24 ECTS/WORK LOAD TABLE			
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	20.00	20.00
Total Work Load			130.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications																
----------------------------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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