INDUSTRIAL ORGANIC MOLECULES									
1	Course Title:	INDUST	RIAL ORGANIC MOLECULES						
2	Course Code:	KIM4056							
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	le						
5	Year of Study:	4							
6	Semester:	8							
7	ECTS Credits Allocated:	6.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None. Ho have rea	None. However, it is strongly recommended that students should have read Organic Chemistry I and Organic Chemistry II.						
12	Language:	English							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Prof. Dr. MUSTAFA TAVASLI							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	mtavasli@uludag.edu.tr +90 224 29 41 732 Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 16059 Görükle / BURSA, TÜRKİYE							
17	Website:								
18	Objective of the Course:	The aim of the course is to understand the importance of organic molecules in industrial application.							
19	Contribution of the Course to Professional Development:	To broaden job possibilities by teaching industrial organic molecules and their application in industry.							
20	Learning Outcomes:								
		1	Identify organic molecules used in industrial applications.						
		2	Grasp the importance of organic functional groups in industrial applications.						
		3	Learn how the theory of organic chemistry is applied to practical applications.						
		4							
		5							
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	I	10							
21	21 Course Content:								
Mook	Theoretical	Co	urse Content: Practice						
vveek 1	Industrial Organic Molecules With Di	fferent	FIACHUE						
	Functional Groups (Isocyanates)								
2	Industrial Organic Molecules With Dir Functional Groups (Esters)								
3	Industrial Organic Molecules With Dir Functional Groups (Epoxides)	tterent							

4	Industrial Organic Molecules With Different Functional Groups (Alcohols)																	
5	Industrial Organic Molecules With Different Functional Groups (Alkenes)																	
6	Industrial Organic Molecules With Different Functional Groups (Amines)																	
7	Radical Scavengers																	
8	Prob	olem	solvin	g														
9	Peroxide Decomposer																	
10	Peroxide Activator																	
11	UV absorbers																	
12	Exci	ted S	States	Quen	chers													
13	Epo	xy cu	ring a	gents														
14	<u> </u>			gents														
22	Textbooks, References and/or Other Materials:								Industrial Organic Chemicals (Third Edition), Harold A. Wittcoff, Bryan G. Reuben, Jeffery S. Plotkin, Wiley, 2013									
																oricants:		
								CI	Chemistry and Technology (Second Edition), Leslie R. Rudnick, Leslie R. Rudnick, CRC Press, 2013									
23	Asse	esme	ent						IIX	uuriick,	Lesile	IX. IXUU	iriick, C	NO FI	<del>5</del> 55, 20	10		
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Activit	Activites							Number				Duration (hour) Total Wo						
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Thomas		, ,								4.4			3.00			42.00		
Theoretical Final Exam 1						60	60.00											
Practicals/Labs								0			0.00			0.00				
Self study and preparation Contribution of Term (Year) Learning Activities to							40.00			8.00			0.00					
_	Homeworks								0			0.00						
	ଅନ୍ତାନ୍ୟର୍ଷtion of Final Exam to Success Grade							60	6000			0.00			0.00			
	ield Studies								0 0.00						0.00			
Midterm exams Measurement and Evaluation Techniques Used in the						e w												
Others								0					0.00					
	24 E √E66TS / WORK LOAD TABLE							1			14.00		14.00					
Total V														182.00				
Total w																6.07		
ECTS (	Credi	t of th	ne Co	urse												6.00		
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
		PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16	
ÖK1	,	5	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	
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ÖK2		0	5	0	0	4	0	0	0	0	0	0	4	0	0	0	0	
ÖK3		0	0	0	0	0	0	4	0	0	0	5	0	0	0	0	0	
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Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
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Level:					