INDUSTRIAL INORGANIC CHEMISTRY INDUSTRIAL INORGANIC CHEMISTRY Course Title: 1 Course Code: KIM5017 2 Type of Course: Optional 3 Level of Course: Second Cycle 4 Year of Study: 5 1 Semester: 1 6 ECTS Credits Allocated: 6.00 7 Theoretical (hour/week): 3.00 8 Practice (hour/week): 9 0.00 10 Laboratory (hour/week): 0 Prerequisites: 11 Turkish 12 Language: Face to face Mode of Delivery: 13 14 Course Coordinator: Doc. Dr. MESUT GÖRÜR 15 Course Lecturers: Contact information of the Course nturkel@uludag.edu.tr 16 Coordinator: Website: 17 Objective of the Course: 18 The aim of this course is to give students a better understanding of inorganic chemistry technologies. Contribution of the Course to make use of theoretical and practical knowledge acquired in the 19 field of inorganic technology. Professional Development: Learning Outcomes: 20 1 Learning abour inorganic chemistry technologies. 2 Gaining the ability to conduct research and presentations 3 Learning the relationship between inorganic chemistry and chemistry based industries. 4 5 6 7 8 9 10 Course Content: 21 **Course Content:** Week Theoretical Practice Water and purification 1 2 Sulphur and inorganic sulphur compounds Nitrogen and inorganic nitrogen compounds 3 Hydrochloric acid, other industrial gases 4

5	Artificial fertilizers																
6	Sodium carbonate and carbonated water																
7	Common salt, sodium chloride, chlorine industries																
8	Electrolytic industries																
9	portl	portland cement															
10	Calcium and magnesium compounds																
11	Calcium and magnesium compounds																
12	Glass industries,																
13	Ceramic industries																
14	Pigments																
22	Textbooks, References and/or Other Materials:					Pro Ün Pro An R. En Ak	Prof. Dr. Özel Erbil, Endüstriyel Anorganilk Kimya, Ege Üniversitesi Basımevi, Bornova-İzmir, 2004 Prof. Dr. Aral Olcay, Kimyasal Teknolojiler, Gazi Kitabevi, Ankara, 1998 R. Norris Shreve, Joseph A. Brink, Jr. Kimyasal Proses Endüstrileri I ve II (Çeviren: A. İhsan Çataltaş) İnkilap ve Aka Kitabevleri A.Ş., İstanbul, 1983										
Activites					1	Number			Dura	Duration (hour)			Total Work Load (hour)				
Theoretical					790,	50,00 14			3.00			42.00					
Practicals/Labs							0			0.00			0.00				
Self study and preperation										4.00			56.00				
Homeworks						(0			0.00	0.00			0.00			
											0.00			0.00			
Field Studies							0	0			0.00	0.00			0.00		
Midtern exams						50	50,00			30.00	30.00			30.00			
Others	Others						(0			0.00	0.00			0.00		
Final Exams										52.00	52.00			52.00			
Total Work Load													180.00				
Total wetches WORK LOAD TABLE													6.00				
ECTS	Credi	t of ti	ne Co	urse												6.00	
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	I	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	ť	5	3	4	1	3	1	1	2	3	1	0	0	0	0	0	0
ÖK2	ť	5	3	2	2	1	3	1	4	5	1	0	0	0	0	0	0
ÖK3	;	3	3	3	1	2	1	2	2	2	0	4	1	0	0	0	0
			l	0: L	earn	ning C	bjec	tive	s F	Q: P	rogra	m Qu	alifica	tions	5	1	•

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