	OXIDATIONANDRED	UCTIC	ONREACTIONSIN INORGANIC						
CHEMISTRY									
1	Course Title:	OXIDAT CHEMIS	IONANDREDUCTIONREACTIONSIN INORGANIC TRY						
2	Course Code:	KIM5024							
3	Type of Course:	Optional							
4	Level of Course:	Second (Cycle						
5	Year of Study:	1							
6	Semester:	2							
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							
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	ace						
14	Course Coordinator:	Doç. Dr.	SUAT AKSOY						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:		M. Suat AKSOY @uludag.edu.tr 41 740						
17	Website:								
18	Objective of the Course:	formation ions are oxidation	on and reduction reactions are important during complex n and recovery of elements. In the metal industry, metal reduced during the production. During complex formation, n stages of metal ions varies. To investigate the change in n step, the structures of complex compounds helps.						
19	Contribution of the Course to Professional Development:	se contributes to professional development.							
20	Learning Outcomes:								
		1	The basic issues of redox reactions in inorganic chemistry will be understood.						
		2	Acquired the ability to use information will be won.						
		3	Redox reaction will be understood.						
		4	The effect of the potential for complex formation will be understood.						
		5	The issues of catalysis will be understood.						
		6							
		7							
		8							
		9							
		10							
21	Course Content:		Quarter t						
10/	Theoretical	Co	purse Content:						
	Theoretical	tracted by	Practice						
1	Extraction of elements: Elements ex reduction								
2	Extraction of elements: Elements ex oxidation								

3	Reduction potentials: Redox half-reactions																
4	Reducti	entials	: Kine	tic fact	ors												
5	Redox s	/ in wa	ter: R	eactior	ns with	n wate	r										
6	Redox s	/ in wa	ter: D	ispropo	ortiona	ation											
7	Redox s atmosp		ter: O	xidatio	n by												
8	The dia data: La	gramm itimer (natic pr diagrai	resent ms	ation o	f pote	ntial										
9	Repetiti	on of p	reviou	is less	ons ar	nd mid	term										
10	The dia data: Fr				ation o	f pote	ntial										
11	The dia data: pł		ation o	f pote	ntial												
12	The effe		ne pote	ential	for con	nplex											
13	Catalys	s															
14	Homoge	eneous	and	Heter	ogeneo	ous ca	talysis										
22	Textbooks, References and/or Other Materials:								Shriver D.F., Atkins P.W. and Langford C.H. Inorganic Chemistry, second edition, 1994. Fred B. And Ralph G.P.; Mechanisms of Inorganic Reactions, Second Edition, Wiley, 1967. Cotton F.A., Wilkinson G., Gaus P.L., Basic Inorganic Chemistry, second edition, wiley, 1987.								
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LO: Learning Objectives PQ: Program Qualifications																
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