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2 NUNIL		IVIARIVIARA UNIVERSITY Faculty of Arts and Sciences																				
N N	Chemistry Department																					
YA CAR	SYLLABUS																					
7 1883	3	2015-2016 Spring																				
.000			2013-2010 Shi ilik																			
Course Code	Course Name						Course Type			Cour	Course Pool (if exists)		We Co T	ekly urse A	Local Credit	ECTS Credit	Semester					
CHEM111	2	GENERAL CHEMISTRY II						Zorunlu			u				4	0	6	6	2			
(Ders Kodu ve	Prere Adı, N	<b>ן uisite</b> lin Harfli Başarı Notu)					Prerequisite to (Ders Kodu ve Adı, Min Harfli Başarı Notu					Weekly Time & Classroom Schedule ) (Gün, Saat Aralığı, Derslik)										
<bu bağlayan<br="" dersi="">{Her bir dersi birk</bu>	önceki oirinder	derslerin kodu, adı, min hb> n noktalı virgülle ayırınız.} KHer bir dersi birbirinden								derslerin kodu, adı, min hb> noktalı virgülle ayırınız.}												
Course Lecturer	Doç.D	Dr. Suza	an Abd	urrahn	nanoğl	u Te				Teach Assist	eaching ssistants			an, Adı	dı, Soyadı>							
Office/Room No	C-426	6						Office	e/Roon	n No												
Phone+extension	02163	3451186-1492						Phone+extension														
E-mail	suza	na@marmara.edu.tr						E-mai	I													
Web								Web														
Office hour	Mond	nday 10.00-12.00						Office	hour													
	Coι	Course Web page:																				
	1.	GENERAL CHEMISTRY, PRINCIPLES AND MODERN APPLICATIONS, PETRUCCI R.H., 11th EDITION, PEARSON																				
Textbooks and	d																					
or References																						
	1.	Deter	mine t	he diff	erence	es betw	veen va	arious	chemio	al bon	ıds											
	2.	under	rstand	the ph	ysical I	oroper	ties of	solutic	ons													
Course Learning	3.	learn	solutio	on cher	nistry	and so	lution	equilib	ria													
Outcomes	4.	<ol> <li>Define the energetics of chemical reactions (thermodynamics and electrochemistry)</li> </ol>																				
	5.	5. Predict kinetics of chemical and nuclear reactions																				
	6.	Learn	basic	concep	ots in o	rganic	chemi	stry														
		1				Р	rogra	m Out	tcome	es							1:Weak; 2	:Medium; 3	Strong			
	PK1	PK2	PK3	PK4	PK5	PK6	РК7	РК8	РК9	PK10	PK11	PK12	PK13	PK14	PK15		Course Le	arning Out	comes			
Program	3		2											2		DK1.	Determine	the differ.	••			
Outcomes		2	2			2								2		DK2.	understand	d the physi				
Course Learning	2	2	2											2		DK3.	learn solut	ion chemi.				
Outcomes	2	3	2			2								2		DK4.	Define the	energetic.				
Matrix	3	2	2			2								2		DK5.	Predict kin	etics of				
	3					3	2							2		DK6.	Learn basio	c concepts.				
	3	2	2	0	0	2	2	0	0	0	0	0	0	2	0	тота	L EFFECT					

Course Code			Course Name				Course Type			ol (if	We	Weekly Course		cal	ECTS	Semester			
			course nume						exists)		T	A	Credit		Credit				
CHEN	11112	GENERAL (	NERAL CHEMISTRY II			Zorunlu			4	0	6	5	6	2					
Language of			Learning Activities and Teaching Methods Cou									urse P	resen	ntatio	n Form				
ingilizce												and nower point presentation							
mgmze			Discussion, quiz, nomework, recitation.										ard, power-point presentation						
Week	Week Date			Weekly Course Content									Reference No - Section						
1. Week		Intro	ntroduction																
2. Week		Interi	itermolecular forces										Chapter 12						
3. Week		Solut	olution and their physical properties										Chapter 13						
4. Week		Solut	Jution and their physical properties																
5. Week		Cherr	iemical Kinetics											Chapter 14					
6. Week		Chem	nical Equilibrium										Chapter 15						
7. Week		Over	view of the c	hapters before the Midterm exam															
8. week		IVIIQTe	laterm Exam										Chantor 16						
9. Week		Acius	Lius and bases Equilibria										Chapter 17						
11, Week		Soluh											er 18						
12. Week		Spont										Chapter 19							
13. Week		Electi										Chapter 20							
14. Week		Nucle	ear Chemistry									Chapter 25							
15. Week		Orgai	nic Chemistr	1									Chapter 26						
16. Week		Study	Week																
17. Week		Final	Exam																
	Evaluation		v							Calculation of Grade									
				552 (555)															
			Tools		Quantity	Date Wei			hight in Total (%)				Weight in Semester						
Evaluation Tools and Weight %		Evaluation	10013		Quantity							1 (70)		Evaluation (%)					
		Final Exam							60,00						0,00				
		Final-Make	up Exam (if e	xists)					60,00			0,00							
		Semester E	valuation To	ols	lls						.00		100,00						
		Midterm Ex	am(s)							20,	.00			50,00					
		Quiz(es)																	
		Project																	
		Homework								20,	.00				50,00				
		Laboratory/	Atelier	Dama															
		Presentatio	n / Seminar ,	Demo															
		Attendance		-1															
		recendence																	
				Stı	ıdent Wor	kload (	alcul	ation											
		Maakhi	Comostor	50				Some						Wee	Juliu Con	mostor Total			
ΤοοΙ		Avr. Hour	Total Hour	Tool		Avr.	екіў Hour	Total	Hour	Tool				Av	r.	hour			
Theoretical I	neoretical Hours 4,00		56	Midterm Exam and Preparation		2,0	00	28		Atelier and Preparatio			ation						
Applied Hours 0,00			0	Quiz and Pre					Presei Demo	ntation and P	n/Semi Prepara	nar/ ition							
Pre-class Self Study 1,00		1,00	14	Project and Preparation						Research/ Report Other and Prepar			tion						
application/Post-				Homework a Preparation	1,0	00	14	4	Final E Prepa	inal Exam and reparation				00	28				
Total Stu	dent Work	load Hours:	140	1 ECTS Cre	1 ECTS Credit = 25 Student Workload Hours							иогкюаа Hesap Doğru culation:							

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