GENERAL CHEMISTRY I LABORATORY										
1	Course Title:	GENER	L CHEMISTRY I LABORATORY							
2	Course Code:	KIM1065	5							
3	Type of Course:	Compuls	ory							
4	Level of Course:	First Cycle								
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	2.00								
8	Theoretical (hour/week):	0.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	2								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Doç. Dr.	SUAT AKSOY							
15	Course Lecturers:	Prof. Dr. Naciye Türkel								
16	Contact information of the Course Coordinator:	nturkel@uludag.edu.tr 0224 2941730								
17	Website:									
18	Objective of the Course:	To teach basic chemical analysis methods and calculations, and prepare the report of the evaluation of test results, talk habit. Laboratory studies provide practicality.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Learns the rules of laboratory							
		2	Produces solutions about a chemical problem, uses in the field of molecular biology and genetics							
		3	Applies the basic chemistry knowledge in laboratory							
		4								
		5								
		6								
		7								
		8								
		9								
		10								
21	21 Course Content:									
	Course Content:									
Week	Theoretical	Practice								
1			Basic laboratory information							
2			Basic laboratory information							
3			Measurement statistics and stoichiometry							
4			Measurement statistics and stoichiometry							
5			Basic laws of chemistry and quantitative analysis gravimetric							

6									Cr	ystalliz	ation						
7						Di	Distillation										
8						Pr	Preparing the solution-I										
9							Pr	eparin	g the s	olution-							
10						Ex	tractio	n and o	chroma	tograph	y appli	ications					
11						Sa	ponific	cation of	of fats								
12						Or pro	Organic compounds(Naming, isomers and drawing program presentation										
13							Or pro	Organic compounds(Naming, isomers and drawing program presentation									
14						ac	acid-base titration										
22	Textbooks, References and/or Other Materials:					Ge (U	General Chemistry Laboratory I Manual (U. University Chemistry Department)										
23	Asses	sme	nt						-								
TERM L	LEARNING ACTIVITIES				N R	UMBE	W	WEIGHT									
Midterm	n Exar	n					1		40	40.00							
Quiz	Quiz				0		0.0	0.00									
Home w	ome work-project				0		0.0	0.00									
Final Ex	inal Exam 1						60	60.00									
Total							2		10	0.00							
Activites							Number			Duration (hour)			Total Work Load (hour)				
					10	100.00 0.00				0.00							
Practica	als/Lat	bs							•	14 2.			2.00	.00		28.00	
Self Study and preperation						2 5.00				10.00							
Homeworks							14			1.00			14.00				
Projects	rojects						(0			0.00			0.00			
Field St	ald Studies						(0 0.			0.00	0.00		0.00			
Midterm	dterm exams							1			4.00			4.00			
Others	ers						(0			0.00			0.00			
Final Ex	al Exams							1 4.			4.00	4.00			4.00		
Total W	tal Work Load							60.00					60.00				
Total wo	Fotal work load/ 30 hr													2.00			
ECTS Credit of the Course												2.00					
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	P	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	2		0	2	0	3	0	2	2	0	3	0	2	2	2	0	2
ÖK2	3		2	0	3	2	0	2	2	0	2	0	3	0	3	0	3
ÖK3	2		3	3	2	3	0	2	0	2	0	0	3	2	3	2	2
			L	-0: L	earn	ning C)bjec	tives	s F	Q: P	rogra	m Qu	alifica	tions	5	-	-

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