

GENERAL CHEMISTRY

1	Course Title:	GENERAL CHEMISTRY	
2	Course Code:	KIM1079TR	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	3.00	
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 face	
14	Course Coordinator:	Prof. Dr. MEHMET HALUK TÜRKDEMİR	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	nturkel@uludag.edu.tr 0 224 294 17 30 Uludağ Üniversitesi Fen-Edebiyat Fakültesi Kimya Bölümü, Görükle/BURSA 16059	
17	Website:		
18	Objective of the Course:	The purpose of this course, learn the basic concepts of general chemistry in the content area and has learned to be able to use this information to provide in their field.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To learn the basic concepts and the methods in the field of general chemistry and apply this knowledge to the field in food engineering.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Matter-Its properties and measurement		
2	Atoms and atomic theory		
3	Chemical compounds,Chemical reactions		

4	Aqueous solution reactions	
5	Gases	
6	Thermochemistry	
7	Midterm exam	
8	The periodic table and some atomic properties	
9	Chemical Bonding I	
10	Acids and bases	
11	Metals	
12	Nonmetals	
13	Organic chemistry	
14	Chemical of the living state	

22	Textbooks, References and/or Other Materials:	<p>1) General Chemistry I and II , Principles and Modern Applications. (Eighth edition) R. H. Petrucci , W.S. Harwood.</p> <p>2) Principles of modern chemistry (Fourth edition), D. W. Oxtoby, H. P. Gillis, N. H. Nachtrieb, 1999.</p>
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23	Assesment	
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	ECTS / WORK LOAD TABLE	
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	2	5.00	10.00
Homeworks	2	10.00	20.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			92.00
Total work load/ 30 hr			3.07
ECTS Credit of the Course			3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	1	2	1	2	1	1	2	2	2	1	1	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				