GENERAL CHEMISTRY									
1	Course Title:	GENER	AL CHEMISTRY						
2	Course Code:	GIDZ105							
3	Type of Course:	Compulsory							
4	Level of Course:	Short Cycle							
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0	0						
11	Prerequisites:	none							
12	Language:	Turkish	Turkish						
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Öğr. Gör. ÇİĞDEM GÜCEYÜ							
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.							
16	Contact information of the Course Coordinator:	Öğr.Gör.Çiğdem GÜCEYÜ 0224 2942890 cguceyu@uludag.edu.tr Teknik Bilimler Meslek Yüksekokulu Gıda İşleme Bölümü /Gıda Teknolojisi Programı							
17	Website:								
18	Objective of the Course:	To teach chemistry concepts, the basic laws of chemistry, chemical calculations and explain the theory.							
19	Contribution of the Course to Professional Development:	Learning basic chemistry concepts							
20	Learning Outcomes:								
		1	Be able to understand the importance and definition of chemistry,						
		2	There will be information about the structure of chemical substances that may be encountered in food enterprises,						
		3	Of chemical substances used in business, they have knowledge in the preparation of the solution,						
		4	In the context of industrial applications gain problem- solving skills.						
		5	Using theoretical and experimental methods to produce reliable products by removing the risks that may occur after food production.						
		6	To gain life-long learning skills to monitor developments in chemistry subjects.						
		7							
		8							
	9								
		10							
21	Course Content:								
		Co	ourse Content:						
Week	Theoretical		Practice						

1	Definition of kim and related topics. structure and properties of matter. Element, compound, mixture, definition properties.	on and						
2	Measurement and measurement unit Atomic structure and atomic theories							
3	Periodic table and its properties. Chemical event. Nomenclature of compounds.							
4	The concept of mole. Basic chemistry laws. Finding formulas							
5	Chemical equations. Gases and important gas laws.							
6	Solutions and properties. Solubility and factors affecting solubil	ity.						
7	Solution types (% solutions, Molarity, normality)							
8	Solution types (Molality, ppm solution Acids and bases. The concept of pHve pOH.	s).						
9	Course recitation and midterm exam							
	Organic chemistry. Structure and basic properties of hydrocarbons							
11	Alkanes, alkyl groups, alkenes, nome	nclature,						
Activit			Number	Duration (hour)	Total Work Load (hour)			
Thegore	്റൂർohols, ethers, aldehydes and keto	nes,	14	2.00	28.00			
Practica	als/Labs	11 1	0	0.00	0.00			
Self ₄ stu	Organi Pranciationers, amines, nome	nclature,	14	14.00				
Homew			0	0.00	0.00			
Project	Textbooks, References and/or Other		• O.E. MORTIMER, (Çeviren: Prof.Dr. Turl	0.00 an Altınata),			
Field St			0	0.00	0.00			
Midtern	n exams		• Petrucci,Harwood, (Çev i ren. Tahsin Uyar)	2denel Kimya I			
Others			0	0.00	0.00			
Final E	kams		• Prof.Dr.Cemil Şenar	Temel Kimya, Hace	ti <mark>2</mark> \$&00			
Total W	/ork Load				90.00			
Total w	ork load/ 30 hr		• Prof.Dr.Doğan SÜM	ENGEN. Organik Kim	ya 0011t 1.			
ECTS (Credit of the Course				3.00			
			Hakan Ofset, İstanbul, 1986 Omer BAYIN, Çözümleriyle Kimya Problemleri.Ankara.1964 Chang,R.,Goldsby, K.A. 2014. Genel Kimya. Çeviri Editörleri:R.İnam, S.Aksoy. Palme Yayıncılık. İstanbul. Wertheim,J., Oxlade,C.,Stockley, C.2013. Şekilli Kimya Sözlüğü.Çeviri:Z.Gürsoy.TÜBİTAK Popüler Bilim Kitapları 352. Ankara. Sayısal 2 Modern Fen, Yıldırım Yayınları, Ankara ÖSS Kimya, Güvender Yayınları, Temmuz, 2000 ÖSS Kimya, Güvender Yayınları, Kasım, 2006					
			•					
23	Assesment							
	Assesment EARNING ACTIVITIES	NUMBE R	WEIGHT					

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 Success Grade	es to	40.00					
Contribution of Final Exam to Success Grade)	60.00					
Total		100.00					
Measurement and Evaluation Techniques Us Course	sed in the	Measurement and evaluation is carried out according to the principles of Bursa Uludağ Universty Associate and Educatian Regulation.					

24 ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	1	1	4	1	1	1	1	1	1	1	1	1	0	0	0	0
ÖK2	2	1	3	1	2	1	1	1	1	1	1	1	0	0	0	0
ÖK3	1	3	4	1	2	3	2	1	1	1	1	1	0	0	0	0
ÖK4	4	4	4	3	3	4	2	2	1	1	1	1	0	0	0	0
ÖK5	4	5	5	3	4	4	2	2	2	1	3	1	0	0	0	0
ÖK6	4	4	5	3	4	3	2	2	1	1	5	3	0	0	0	0
		l	LO: L	earr	ning (Objec	tive	s P	Q: P	rogra	m Qu	alifica	tions	;		
Contrib 1 very low ution			2 low			3	3 Medium		4 High			5 Very High				