CHEMISTRY II

1	Course Title:	CHEMISTRY II
2	Course Code:	GIDZ106
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	NO
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. ÇİĞDEM GÜCEYÜ
15	Course Lecturers:	ÖĞR.GÖR.ÇİĞDEM GÜCEYÜ / Inst.ÇİĞDEM GÜCEYÜ
16	Contact information of the Course Coordinator:	cgucey@uludag.edu.tr Tel: (0224) 294 23 81
17	Website:	
18	Objective of the Course:	To educate the food technicians that put in the practise the organic chemistry's basic concept, laws, theories and chemical calculations.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Importance of the organic chemistry.
	2	To knowledge about the hydrocarbons and characeristic.
	3	To be able to creating and operating procedure for working conditions with available organic chemical subtences.
	4	To understand the results of the organic chemical substance reaction applied to food industry.
	5	To be able to preparing organic chemical subtance solutions procedure in used the food industry.
	6	To understand the chemical changes in organic subtences that to affect the quality of food product.
	7	Writing the results of the organic chemical subtence reactions.
	8	To be able to put in practice organic chemical subtence analysis.
	9	
	10	
21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Introducing the course. What is the Organic Chemistry? Definition Organic Chemistry.	
2	What is the Hydrocarbons?	

3	Alkanes.	
4	Alkenes.	
5	Alkynes.	
6	What is the Aromatic Hydrocarbons?	
7	Benzene and Derivatives.	
8	To Repeat The Lessons. MIDTERM EXAM.	
9	What are the functional groups?	
10	Alcohols, Ethers.	
11	Aldehydes and Ketones.	
12	Carboxylic Acids.	
13	Esters, Amines.	
14	Aromatic Compounds.	

22	Textbooks, References and/or Other Materials:	Çiğdem GÜCEYÜ Chemistry 2 Lecture Notes (unpublished). • Ralph J.FESSENDER, Joan S. FESSENDER (Translation Editor: Prof.Dr. Tahsin Uyar), Organic Chemistry-4th, Güneş Bookstore, Ankara, October 1992. • Prof.Dr.Doğan SÜMENGEN. Organic Chemistry Volume I. Matbaa Teknisyenleri Printing, Istanbul, 1990. • Modern Science and Numerical 2, Yıldırım Publications, Ankara •OSS Chemistry, Güvender Publications, November, 2006
23	Assesment	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	2	3.00	6.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	2	8.00	16.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			60.00
Total work load/ 30 hr			2.00
ECTS Credit of the Course			2.00

Contribution of Term (Year) Learning Activities to Success Grade	50.00
Contribution of Final Exam to Success Grade	50.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	

24	**ECTS / WORK LOAD TABLE**

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	1	4	4	0	2	2	1	1	0	0	1	0	0	0	0	0

ÖK2	1	2	4	1	3	3	1	1	0	0	2	0	0	0	0	0
ÖK3	3	4	5	3	4	0	3	3	2	1	1	1	0	0	0	0
ÖK4	1	4	5	2	4	3	2	3	4	2	4	1	0	0	0	0
ÖK5	1	2	5	4	2	2	1	2	1	1	1	0	0	0	0	0
ÖK6	2	5	3	2	3	4	2	2	1	0	2	1	0	0	0	0
ÖK7	1	1	2	3	3	3	1	2	0	5	0	2	0	0	0	0
ÖK8	1	2	5	5	4	5	1	3	3	2	3	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**