FERMENTED FOOD TECHNOLOGY									
1	Course Title:	FERMENTED FOOD TECHNOLOGY							
2	Course Code:	GIDS216							
3	Type of Course:	Optional							
4	Level of Course:	Short Cycle							
5	Year of Study:	2							
6	Semester:	4							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	1.00							
9	Practice (hour/week):	2.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Doç. Dr. METIN GÜLDAŞ							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	e-mail: mguldas@uludag.edu.tr, Tel. (224) 6768780–81, Adres: UÜ KARACABEY MYO, KARACABEY-BURSA							
17	Website:								
18	Objective of the Course:	In the course, scientific bases of fermentation technology will be investigated and production technologies such as pickle, olive, vinegar, wine, beer, boza, tarhana and red beet juice manufacturing will be undertaken. In addition, productions of organic acid, enzyme, amino acid and vitamin will also be considered.							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	To be comprehended of scientific bases of fermentation and significance of microorganisms in biotechnological processes						
		2	Learning of fermentation types and significance of fermentation in food industry						
		3	Learning of basic production technologies used fermentation						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
	Course Content:								
Week	Theoretical Practice								

1	Introduction to course, significance a position of fermentation technology ir industry, contents and scope of cours	n food								
2	Description of fermentation, significal microorganisms in terms of industry, structures, growths and growing conducteria and fungi	cell								
3	Fermentation types, alcohol fermental lactic acid fermentation, acetic acid fermentation, citric acid fermentation materials required for fermentation									
4	Technical principles of fermentation a drawing of flow diagram of a biotechr process									
5	Pickle production technology									
6	Table olive production technology									
7	Vinegar production technology									
8	Repeating courses and midterm exar	m								
9	Wine production technology									
10	Beer production technology									
11	Boza production technology									
12	Tarhana (fermented powdered soup) production technology									
13	Salgam (fermented red beet juice) pr	oduction								
Activites				Number	umber Duration (hour)					
Th <b>22</b> re	Eaxtbooks, References and/or Other		V	កុឌ្មgar Technology, Nil	atooktan, Hatice Ka	⊮≱η₀Ege				
Materials: Practicals/Labs				niversitesi Ziraat Fakül 14	<u>tesi Yavınları. Born</u> 2.00	ova Izmir 28.00				
Self stu	dy and preperation		A	conol and Alcoholic Be	verages Technolog	y,dşil Fidan ve				
Homeworks				<u>met Sahin. Ankara üni</u> 1		ultesi Yavinlari. 12.00				
Project	8		V	ne Production and Qu	lality Control, Seim	g Guven,				
Field S			C	anakkale Onsekiz Mar 0	1 Universitesi Ziraat 0.00	0.00				
	n exams		Ε	apie Olive Technology de Üniversitesi Basıma						
Others			上	<u>ge Universitesi Basime</u> 4	5.00	20.00				
Final E	kams		N	ALKAIN, Ege Universite						
	/ork Load		1	998.		96.00				
	ታቸያ6 እመታያ ሰr					3.00				
	Credit of the Course					3.00				
		1	2/	2.00						
				30.00						
Quiz 0 Home work-project 1				0.00						
Final Exam 1				10.00						
				60.00						
	oution of Term (Year) Learning Activitiess Grade		100.00 40.00							
	ution of Final Exam to Success Grade	Э	60.00							
Total			100.00							
	rement and Evaluation Techniques Us	sed in the								

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	3	2	2	2	3	4	3	3	2	2	5	3	0	0	0	0
ÖK2	3	3	3	2	3	5	4	3	3	2	3	3	0	0	0	0
ÖK3	3	3	3	2	4	5	4	2	3	2	3	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	ution			2	2 low		3	3 Medium		4 High			5 Very High			