	FOOD PAG	CKAG	ING TECHNOLOGY							
1	Course Title:	FOOD P	ACKAGING TECHNOLOGY							
2	Course Code:	VBH502	3							
3	Type of Course:	Optional								
4	Level of Course:	Second (Cycle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	4.00								
8	Theoretical (hour/week):	1.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Prof. Dr.	AYŞEGÜL EYİGÖR							
15	Course Lecturers:	Yok								
16	Contact information of the Course Coordinator:	Tel:0224	vigor@gmail.com 42941334 Jludağ Ünv. Veteriner Fak. Besin Hijyeni ve Teknolojisi n Dalı							
17	Website:	http://saglikbilimleri.uludag.edu.tr								
18	Objective of the Course:	animal-d	h definition, functions, types of packaging, packaging of derived foods, MAP, active and smart packaging, prevention ation between food and package material.							
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Able to interpret expectations of producers and consumers related to package.							
		2	Able to define food spoilage.							
		3	List protection functions of package and relate this to fo spoilage							
		4	Define properties of glass packaging							
		5	Define functions of paper and paperboard packaging							
		6	Able to classify aluminum and can packaging							
		7	Able to list plastic and plastic-based packages							
		8	Determine packaging material to be used for animal- derived foods.							
		9	Define basics for aseptic packaging and MAP							
		10	Define active and smart packaging							
21	Course Content:									
		Со	ourse Content:							
	Theoretical	6 1 11	Practice							
1	Intoduction to couse and material, de package, interpretations of expectati producers and consumers related to	ons of								

2	Food physic				matic,	chemi	ical aı	nd											
3				petween food s		tection ge	func	tions (of										
4	Glass					<u> </u>													
5	Pape	r an	d pap	erboa	rd pad	ckaging	9		Т										
6	Alumi	inun	n and	can p	ackaç	jing													
7	1 0 0																		
8	Plastic and plastic-based packages, important packages in food industry																		
9		agin			•	e meat	s and	their	T										
10	Packa	agin	g of m	nilk an	d dair	y prod	ucts												
11	Asept	tic p	ackaç	ging in	food	sector													
12	MAP	in fo	ood pa	ackagi	ng														
13	Active	e an	d sma	art pac	kagin	g													
14	Migra	tion	from	packa	ige to	food													
22	Textbooks, References and/or Other Materials:										 Üçüncü, M. Gıda Ambalajlama Teknolojisi, Meta Basım Matbaacılık Hizmetleri, İzmir, 2007. Ünlütürk, A., Turantaş, F. Gıda Mikrobiyolojisi. MengiTan Basımevi, İzmir, 1999. Potter, N.N., Hotchkiss, J.H. Food Science. An aspen 								
Activit	es									Num	ber		Dura	ation (· / I	Total Work Load (hour)			
Theore	tical	ING	ACTI	VIIIES	•		I F	NOINIDE	- TV	74 14			1.00			14.00			
Practica	als/Lal	bs								0			0.00		0.00				
Qeli zstu	ıdy an	d pr	epera	tion			C)	0	0.00			7.00			98.00			
Homew	vorks						I			0			0.00			0.00			
Piroje 6	s am						1		1	00.00			0.00		0.00				
Field S	tudies									0			0.00		0.00				
Wichterno	nu rexon t	MST.	erm (\	rear) l	Learn	ing Act	ivities	s to	0	0 0			0.00		0.00				
Others										0			0.00		0.00				
Eppatrib	kajidas (of Fi	nal E	xam to	Suc	cess G	rade		1	ορ.00			2.00			2.00			
Total W	Vork Lo	oad														114.00			
Metalsw	เพียลงพอหน่องเป็นสู่ในเลยายน Used in the								ne					3.80					
	ECTS Credit of the Course 24 ECTS / WORK LOAD TABLE															4.00			
25				CON	TRIE	UTIO	N O			NING ALIFI		COME	S TO	PROC	GRAM	ME			
	Р	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	8 PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
ÖK1	5		4	3	0	0	1	1	5	2	0	0	0	0	0	0	0		
										3	0								
ÖK2	3		3	0	0	1	0	0	5	5	3	0	0	0	0	0	0		

25		QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	5	4	3	0	0	1	1	5	3	0	0	0	0	0	0	0
ÖK2	3	3	0	0	1	0	0	5	5	3	0	0	0	0	0	0
ÖK3	2	2	1	1	0	1	1	5	4	0	0	0	0	0	0	0
ÖK4	1	0	0	0	0	0	1	5	4	3	0	0	0	0	0	0

ÖK5	1	0	0	0	0	0	1	5	4	3	0	0	0	0	0	0
ÖK6	1	0	0	0	0	0	1	5	4	3	0	0	0	0	0	0
ÖK7	1	0	0	0	0	0	1	5	4	3	0	0	0	0	0	0
ÖK8	5	5	3	2	0	0	0	5	3	5	0	0	0	0	0	0
ÖK9	5	5	3	2	0	0	0	5	3	5	0	0	0	0	0	0
ÖK10	5	5	3	2	0	0	0	5	3	5	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			;	2 low		3 Medium			4 High			5 Very High				