	FRUIT AND	VEGE	TABLE PRODUCTS II						
1	Course Title:	FRUIT A	ND VEGETABLE PRODUCTS II						
2	Course Code:	GIDZ206							
3	Type of Course:	Compulsory							
4	Level of Course:	-	Short Cycle						
5	Year of Study:	2							
6	Semester:	4							
7	ECTS Credits Allocated:	3.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	2.00	2.00						
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to f	face						
14	Course Coordinator:	Öğr. Gör. Dr. NEŞE ÖZMEN							
15	Course Lecturers:		Meslek Yüksekokulları Yönetim Kurullarının Görevlendirdiği öğretim elemanları						
16	Contact information of the Course Coordinator:	nozmen@uludag.edu.tr 0224 2961554 Uludağ Üniversitesi, MKP MYO Gıda Teknolojisi Programı, Mustafakemalpaşa, BURSA							
17	Website:								
18	Objective of the Course:	To ensure that they understand the importance of heat treatment in terms of microorganisms and enzymes Teaching the differences between pasteurization, sterilization, commercial sterilization To teach the effect of heat treatment on the nutritional and sensory properties of fruits and vegetables. To ensure that they understand the raw materials used in the production of jam and marmalade, the production method and production errors. To learn drying of fruits and vegetables, drying methods, deterioration in dried products, packaging and storage conditions. Fruit juice, fruit nectar, fruit drink etc. To teach the differences between products and the stages of producing clear, pulpy fruit juice.							
19	Contribution of the Course to Professional Development:		de professional development to graduate students in fruit etable processing technologies						
20	Learning Outcomes:								
		1	To be able to get information about technologies related to the processing of fruits and vegetables						
		2	To be able to determine appropriate parameters in order to perform the processing steps related to the processing methods of fruits and vegetables and perform the process						
		3	To understand the negative effects that may occur during and after the processing of fruits and vegetables and to gain knowledge that can prevent them or keep them at a minimum level;						
		4	To be able to gain the ability to apply the process by understanding the canning technology, tomato paste, jam, marmalade, fruit juice and drying technologies among the fruit and vegetable processing methods;						

		5	products an		analyzes of fruit an interpret the results ion;					
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	urse Conte	ent:						
Week	Theoretical		Practice							
	Pretreatments applied to raw materia filling in canning production	Ils and	Production of seasonal canned vegetables or fruits							
2	Exhausting methods and seaming		Microbiologi	ical analyzes	s in canned foods					
3	Determination of heat treatment para and heat treatment	meters	Physical and	d chemical a	nalyzes in canned	foods				
4	Deterioration of canned fruits and veg (microbiological, chemical and physic		Physical and	d chemical a	nalyzes in canned	foods				
5	High pressure systems and equipme	nt	tomato past	e productior	I					
6	The effect of high pressure on food components		Test (catala	se) for bland	hing adequacy					
7	The effect of high-pressure on on microorganisms and enzymes		Tomato pas	te analysis						
Activit	es		Number		Duration (hour)	Total Work Load (hour)				
Theore	and marmalade and their preparation)	14		2.00	28.00				
Practica	als/Labs	otto otup a	14		2.00	28.00				
Self stu	dy and preperation		14		1.00	14.00				
Homew			0		0.00	0.00				
Profect	Pre-treatments applied in the pulpy, o	clear fruit	H <mark>y</mark> F analyz	es	0.00	0.00				
Field St			0		0.00	0.00				
Midtern	с екаетs tration, adjustment of fruit juic	es,	1	,	10.00	10.00				
Others			0		0.00	0.00				
Final E	Piner memous used in null and vege	abie		ennon and p	10.00	10.00				
Total W	/ork Load					90.00				
Total w	ork load/ 30 hr Materials.		1 ISBN 975	, Б.2004. м 5-98578-1-2	eyve ve Sebze işiel Başkent Klişe Matt	aacilik.Ankara				
	Credit of the Course					3.00				
			Jongen, W. 2002. Fruit and vegetable processing. Woodhead Publishing Ltd and CRC Pres, LLC. ISBN 0- 8493-1541-7							
23	Assesment									
		NUMBE R	WEIGHT							
Midtern	n Exam	1	30.00							
Quiz		1	10.00							
	vork-project	0	0.00							
Final Ex	xam	1	60.00							
Total		3	100.00							

Contribution Success Gr	n of Term (Year) Learning Activities to rade	40.00							
Contribution	n of Final Exam to Success Grade	60.00							
Total		100.00							
		Measurement and Evaluation are carried out according the principles of Bursa Uludağ University Associate and Undergraduate Education and Training Regulation.							
24 ECTS / WORK LOAD TABLE									
05									

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	5	4	5	0	4	0	2	0	5	0	5	5	3	0	0	0
ÖK2	5	4	5	0	3	0	2	0	5	0	5	5	0	0	0	0
ÖK3	3	2	4	0	4	0	5	0	5	0	5	5	0	0	0	0
ÖK4	5	4	5	0	3	0	3	0	5	0	5	5	0	0	0	0
ÖK5	3	5	4	0	5	0	5	0	5	0	3	4	3	0	0	0
			LO: L	earr	ning C	bjec	tive	s P	Q: P	rogra	ım Qu	alifica	tions	5		<u> </u>
Contrib ution Level:	ution			3 Medium			4 High			5 Very High						