WATER ANALYSES										
1	Course Title:	WATER	R ANALYSES							
2	Course Code:	GIDS233								
3	Type of Course:	Optional								
4	Level of Course:	Short Cy	rcle							
5	Year of Study:	2								
6	Semester:	3								
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:	Dr. Ögr. Üyesi NUR YÜKSEK								
15	Course Lecturers:	Meslek Yüksek okulları yönetim kurullarının görevlendirdiği öğretim elemanları								
16	Contact information of the Course Coordinator:	Öğr. Üyesi Dr. Nur YÜKSEK nuryuksek@uludag.edu.tr 0224 294 23 50								
17	Website:									
18	Objective of the Course:	Theoritical issues related to the importance of water and application subjects related to water analysis.								
19	Contribution of the Course to Professional Development:	To have the knowledge and skills to ensure the quality control of drinking and utility water in Foof Businesses acording to the Turkish Food Codex.								
20	Learning Outcomes:									
		1	Being productive in area of technolgy and science, having a creative and wide angle point of view.							
		2	Having skills and knowledge in order to be able to realise the water and water analysis in conformity with regulations, hygiene and sanitation standarts and Turkish Food Regulation.							
		3	Having obtained the abilility of doing physical, chemical and microbiological analysisi of food and commenting their results.							
		4	Having the skill of working efficiently in multidisiplinary teams.							
		5	Having the ability and effort of doing Research and Development and produce authentic ideas in order to respond to the development and demands of Food Sector.							
		6	Acquring skill and knowledge about how to produce economical, functional and competitive products.							
		7	Having professional and social ethical rules.							
		8	Having the ability of using the machiens necessary for quality control and food security in food laboratories.							
		9	Being able to acqure skill for computer programming, record-ing and documentation.							

	Having the conscience of lifelong learning necessity by following the developments in science and technology a havinbg the will of innovating oneself continuously.										
21	Course Content:										
	Course Content:										
Week	Theoretical		Practice)							
1	The İmportance of water		Laboratory intrance								
2	Classification of surface and groundy	vater	search with EDTA in water.								
3	Tasks of water hygiene		search with EDTA in water.								
4	Causes of water pollution		Nitritating in water with Trommsdorf.								
5	Biological ,mechanical and chemical	factors.	Nitritating in water with Trommsdorf.								
6	Alimentation waters and decision (su	rveys)	Nitratating in water with Brucin.								
7	water analysisi in terms of hygiene. Phsical,chemical laboratory examina	tions.	Nitratating in water with Brucin.								
8	Bacteriological water analysis		Search /	Amoniac with N	essler.						
9	Evaluation of laboratory analysis resuwater.	ults of	Search /	Amoniac with N	essler.						
10	Cleaning the waters. Disinfection of water by physical met Disinfection of water by chemical me		Search for free chlorine in water.								
11	Search for free chlorine in water.		Search f	or free chlorine	in water.						
12 Activit	Correction of some errors see in the ees	waters.	Numl	logical examina Der	tion in water Duration (hour)	Total Work Load (hour)					
Theore	incatording to the Turkish Food Codex	(.	14	,	1.00	14.00					
Practic	als/Labs		14		2.00	28.00					
Self stu	d/Jaan datseperation		T80E,266	6, Ankara.	0.00	0.00					
Homew	vorks		1		6.00	6.00					
Project	8		0	0.00 0.00							
Field S	tudies		0		0.00	0.00					
Midtern	n exams		1 Vükaak	N. 2015 Food N	18.00	18.00					
Others			0		0.00	0.00					
Final E	kams		Yüksek,	N. 2017. Water	Aஅத்தெsisi. metinco	2 <u>4</u> !08,					
	/ork Load					90.00					
	ork load/30 hr FARNING ACTIVITIES Credit of the Course	NUMBE	WEIGHT			3.00					
	n Exam	1	35.00								
Quiz		5.00									
Home v	work-project	0.00									
Final E	xam	1	60.00								
Total		3	100.00								
	oution of Term (Year) Learning Activitiess Grade	es to	40.00								
Contrib	ution of Final Exam to Success Grade	9	60.00								
Total			100.00								
Measurement and Evaluation Techniques Used in the Course				Measurement and evaluation is carried out according to the principle of Bursa Uludağ University Associate and Undergraduate Education Regulation.							

24 E	CTS/	TS / 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	5	5	5	4	4	4	4	5	4	3	3	4	3	0	0	0
ÖK2	5	5	5	4	4	3	3	5	4	3	3	4	3	0	0	0
ÖK3	5	5	5	4	4	3	3	5	4	3	3	4	3	0	0	0
ÖK4	5	5	5	4	4	3	3	5	4	3	3	4	3	0	0	0
ÖK5	5	5	5	4	4	3	3	4	5	3	3	4	3	0	0	0
ÖK6	5	5	5	4	4	3	3	4	5	3	3	4	3	0	0	0
ÖK7	5	5	5	4	4	3	3	4	5	3	3	4	3	0	0	0
ÖK8	5	5	5	4	4	3	3	4	5	3	3	4	3	0	0	0
ÖK9	5	5	5	4	4	3	3	4	5	3	3	4	3	0	0	0
ÖK10	5	5	5	5	4	5	4	5	4	3	3	4	3	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contri ution Level:		1 very low			2 low		3 Medium		4 High			5 Very High				