FLUID MECHANICS										
1	Course Title:	FLUID M	ECHANICS							
2	Course Code:	BSM280	7							
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	3								
7	ECTS Credits Allocated:	4.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	1.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	none								
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	ace							
14	Course Coordinator:	Prof. Dr. ALİ VARDAR								
15	Course Lecturers:	үок								
16	Contact information of the Course Coordinator:	Prof. Dr. Ali Vardar e-posta: dravardar@uludag.edu.tr Telefon: 0 224 2941605 Adres: Bursa Uludağ Üniversitesi, Ziraat Fakültesi, Biyosistem Mühendisliği Bölümü, Görükle Kampüsü, 16059, Nilüfer/BURSA								
17	Website:									
18	Objective of the Course:	Give the basic concepts of fluid mechanics, examine the state of hydrostatic stagnant fluids, the conservation equations to give fluids to crawl, to examine the flow in open channels, to the methods of measurement of fluids.								
19	Contribution of the Course to Professional Development:	It contrib in upper	It contributes to the student's understanding of professional issues in upper classes.							
20	Learning Outcomes:									
		1	Learn basic concepts of fluid mechanics							
		2	Stagnant fluids to detect the status of the hydrostatic							
		3	Learn the conservation equations							
		4	Grasp the continuity equation							
		5								
		6								
		7								
		8								
		9								
		10								
21	21 Course Content:									
	Course Content:									
Week		- (F)	Practice							
1	Introduction, Importance and Topics Mechanics	of Fluid	Sample Solution							
2	Basic concepts		Sample Solution							
3	Basic concepts		Sample Solution							

4	Prope	operties of Fluids					Sa	Sample Solution										
5	Prope	operties of Fluids					Sa	Sample Solution										
6	Prope	perties of Fluids						Sa	Sample Solution									
7	Repe	titio	n of c	ourse					Sa	ample \$	Solutio	n						
8	Press	ssure and Fluid Statics						Sa	Sample Solution									
9	Press	sure	and F	Fluid S	statics				Sa	ample S	Solutio	n						
10	Fluid	d Kinematics					Sa	ample S	Solutio	n								
11	Cons Enero	servation Equations - General Topics and gray Equations						d Sa	Sample Solution									
12	Cons	servation Equations - Bernoulli Equations						s Sa	Sample Solution									
13	Cons	servation Equations - Bernoulli Equations						s Sa	Sample Solution									
14	Cons Equa	onservation Equations - Continuity quations						Sa	Sample Solution									
22	Textb Mate	Textbooks, References and/or Other Materials:							Çe Te İst	Çengel, Y.A, Cimbala J.M., 2010. Akışkanlar Mekaniği Temelleri ve Uygulamaları (3. Baskı), Palme Yayıncılık, İstanbul.								
23	Asse	sme	nt															
TERML	EARN	ling	ACTI	VITIES			R		W	WEIGHT								
Midtern	n Exai	m					1		40	.00								
Quiz							0		0.0	0.00								
Activites						Number Duration (hour)			hour)	Total Work Load (hour)								
Theore	tical	(=	()				,.		╈	112 2.00				28.00				
Practica	als/La	ot Le bs	erm ((ear)	earn	ina Act	IVITIES	to	40	14 1.00 14.00								
Balitering and maneration to Success Grade						60	an ¹ 40 3.00 42.00											
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Project	s		. =					1. 4		0,,	_		0.00		-	0.00		
Measurement and Evaluation Techniques Used in the Field Studies					elMi	Midterm Exam Homewhik and Final Exam												
M24ern									1 1.00				1.00					
Others	Others							(0 0.00				0.00					
Final E	nal Exams							ŀ	1 30.00				30.00					
Total W	Vork L	oad												115.00				
Total w	Total work load/ 30 hr														3.83			
ECTS Credit of the Course													4.00					
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	P	'Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16	
ÖK1	4		0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	
ÖK2	4		0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	
ÖK3	4		0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	
ÖK4	4		0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	
	LO: Learning Objectives PQ: Program Qualifications																	

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					