COASTAL ENGINEERING										
1	Course Title:	COASTA	AL ENGINEERING							
2	Course Code:	INS4053								
3	Type of Course:	Optional								
4	Level of Course:	First Cyc	le							
5	Year of Study:	4								
6	Semester:	7								
7	ECTS Credits Allocated:	5.00								
8	Theoretical (hour/week):	3.00								
9	Practice (hour/week):	1.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:									
12	Language:	Turkish								
13	Mode of Delivery:	Face to f	face							
14	Course Coordinator:	Doç.Dr.	Adem AKPINAR							
15	Course Lecturers:									
16	Contact information of the Course Coordinator:	ademak	pinar@uludag.edu.tr							
17	Website:									
18	Objective of the Course:	It is aime mechani wind hine	ed to teach students some detail knowledge about wave cs, wave transformation, the formation of wind waves and d casting							
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To be able to identifies and classifies the waves							
		2	To be able to describes and summarizes the basic concepts related to wave transformation							
		3	To be able to conducts wave forecasting by using wind data and understands wave statistics and wave spectrum							
		4	To be able to describes and applies basic concepts of coastal sediment transport (shoreline changes, onshore-offshore and longshore transport)							
		5	To be able to describes the basic concepts of coastal management							
		6	To be able to has information on wave forecasting methods							
		7	To be able to makes wave statistic account							
		8	To be able to earns about the basic concepts of coastal engineering							
		9								
		10								
21	Course Content:									
		Co	ourse Content:							
Week	Theoretical		Practice							
1	Basic Concepts in Coastal Engineer	ing								
2	Classification of Waves									
3	Basic Equations of Wave Motion									

4	Wave	e Tra	ansfor	matio	n															
5	Wave Transformation																			
6	Wave Transformation																			
7	Wave	Wave Transformation																		
8	Wind Waves																			
9	Wave Forecasting																			
10	Wave Forecasting																			
11	Wave	e sta	tistic																	
12	Coas	tal S	Sedim	ent Tr	anspo	ort														
13	Coas	tal S	Sedim	ent Tr	anspo	ort														
14	Coas	tal S	Sedim	ent Tr	anspo	ort														
22	Textbooks, References and/or Other Materials:								Yi Er	Yüksel, Y. 2009; Kıyı Mühendisliği, İstanbul; Ergin, A. 2009; Coastal Engineering, Ankara										
23	Asse	sme	nt																	
TERM L	EARN	IING	ACTI	VITIES	;		N F		W	WEIGHT										
Midtern	n Exar	m					1		30	30.00										
Quiz							C)	0.	0.00										
Home v	work-p	oroje	ect				1		10	10.00										
Einal Exam 1 Activites								6(<u>Numt</u>	ber		Dura	Duration (hour)			Total Work Load (hour)				
Theoretical									14			3.00	3.00			42.00				
Practica	Contribution of Final Event to Success Crade Practicals/Labs									14			1.00	1.00			14.00			
Self stu	oral self study and preperation								Т	14 14				5.00			70.00			
Homew	omeworks									1				20.00			20.00			
Project									0				0.00							
Field S	Field Studies								0				0.00			0.00				
Midtern	Aidterm exams									1				2.00			2.00			
Others	Others									0					0.00					
Final E	Final Exams									1					2.00					
Total Work Load										15						152.00				
Total work load/ 30 hr									4.87											
ECTS Credit of the Course															5.00					
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																			
	Р	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	B PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16			
ÖK1	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK3	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK4	0	0 0 0 0 0 0 0							0	0	0	0	0	0	0	0	0			

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