

Course Title-Course Code: CE 626 COASTAL SEDIMENTATION					Name of the Programme:CIVIL ENGINEERING				
Semester	Teaching Methods							Credits	
	Lecture	Recite	Lab.	Field Study	H W	Other	Total	Credit	ECTS Credit
1-2	42	0	0	56	56	34	188	3	7.5
Language	Turkish								
Compulsory / Elective	Optional								
Prerequisites	-								
Course Contents	Coastal Sediment Properties, Waves and Currents, Oscillatory Boundary Layers, Incipient Motion, Onshore and Offshore Sediment Movement, Littoral Drift, Beach Processes, Coastal Protection Structures, Effect of groins and jetties, Harbor entrances, Beach Nourishment, Dredging.								
Course Objectives	Providing knowledge of coastal sediment transport and application to coastal structures design								
Learning Outcomes and Competences	Application ability coastal sediment transport in coastal structures design								
Textbook and /or References	Advanced Series on Ocean Engineering – Volume 3, Mechanics of coastal sediment transport, Jorgen Fredsoe and Rolf Deigaard Advances in Coastal and Ocean Engineering – Volume 1,(Faculty Library TC 205 ADV coa1) Coastal Bottom Boundary Layers and Sediment Transport, Peter Nielsen , (Faculty Library GB 451.2 NIE 1992) Coastal Stabilization, Richard Silvester (Faculty Library TC 209 SIL 1999)								
Assessment Criteria								<i>If any, mark as (X)</i>	Percent (%)
	Midterm Exams							X	15-15
	Quizzes								-
	Homeworks							X	10
	Projects							X	10
	Term Paper								-
	Laboratory Work								-
	Other								-
	Final Exam							X	50
Instructors	Associate Prof. Dr. Lale BALAS								