

Course Title-Course Code: CE 562 PLANNING AND DESING IN WATER RESOURCES							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	0	42	104	188	3	7.5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	-								
Course Contents	Water resources planning, obcectives, planning of objectives, master plan and feasibility study, dams, regulators, other structures, irrigation design and supply and distribution design, design criteria, hydraulic calculations, projects, economical analysis of alternatives.								
Course Objectives	Su kaynaklarının projelendirme ilkelerini, ekonomik olarak proje alternatiflerinin karşılaştırılmasını öğrencilere öğretmek								
Learning Outcomes and Competences	Öğrencilerin su kaynaklarının projelendirilmesinde görev almalarını sağlamak								
Textbook and /or References	ERKEK, C., AĞIRALIOĞLU,N.,1993, Su Kaynakları Mühendisliği, İTÜ, İstanbul YANMAZ, M, 1998, Water Resources, METU, Ankara								
Assessment Criteria								<i>If any, mark as (X)</i>	Percent (%)
	<i>Midterm Exams</i>							X	30
	Quizzes								-
	Homeworks								
	Projects								-
	Term Paper							X	10
	Laboratory Work								-
	Other								-
	Final Exam							X	60
Instructors	Prof. Dr. İbrahim GÜRER								