

Course Title-Course Code: CE 569 HYDRAULIC DESIGN OF HIGHWAY DRAINAGE STRUCTURES					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	42	48	188	3	7.5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	-								
Course Contents	Introduction to highway drainage systems in rural and urban areas,and its elements. Parameters affecting the choice and performance of the drainage systems. Data collecting for design . Evaluation of the data, the hydrological analysis and methods of estimating the peak discharge. Hydraulic analysis and applications, the basis of longitudinal drainage structures, bridge and culvert design.								
Course Objectives	Give highway drainage concept to the students, give theoretical and practical information about highway drainage.								
Learning Outcomes and Competences	Students can attend highway drainage projects after this course.								
Textbook and /or References									
Assessment Criteria								<i>If any,mark as (X)</i>	Percent (%)
	Midterm Exams							X	30
	Quizzes								-
	Homeworks								
	Projects							X	15
	Term Paper							X	15
	Laboratory Work								-
	Other								-
	Final Exam							X	40
Instructors	Prof. Dr. İbrahim GÜRER								