

Course Title-Course Code: CE 545 GEOTECHNICAL INVESTIGATION							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	Planning and application of ground investigation, drilling and specimens, field instrument and in-situ test, geophysical methods. Interpretation of field data. Determination of soil parameters for design, case studies.								
Course Objectives	This course underlines the importance of geotechnical investigation and gives theoretical and practical information about groundwater engineering								
Learning Outcomes and Competences	After this course students can attend geotechnical investigation projects with the help of theoretical and practical information of this course.								
Textbook and /or References	Soil Investigation practice Michael D Joyce								
Assessment Criteria								<i>If any, mark as (X)</i>	Percent (%)
	<i>Midterm Exams</i>							X	20
	Quizzes								-
	Homeworks								-
	Projects								-
	Term Paper							X	10
	Laboratory Work								-
	Other								-
	Final Exam							X	70
Instructors	Prof.Dr. Nail ÜNSAL								