Course Title-Course Code: CE 606 PAVEMENT DESİGN	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	70	76	188	3	7.5

Language	Turkish
Compulsory / Elective	Elective
Prerequisites	-
Course Contents	Theories, principles and practice in the structural design and construction of highway and airport pavements (rigid and flexible) including stabilization, design of pavements evaluation performance surveys, and the design of asphaltic mixtures.
Course Objectives	Teaching pavement types, behaviors and design methods, approaches and standards for both highways and airports for both rigid and flexible pavements..
Learning Outcomes and Competences	Understanding and practicing mechanistic and empirical pavement design approaches. applying the basic concepts of mechanistic pavement design to both the new design and rehabilitation of flexible and rigid pavements. Clarifying data collection, analyzing, evaluating, maintenance and rehabilitation management plans and processes
Textbook and /or References	Principles of Pavement Design, E.J.Yoder, M.W.Witczak, John Wiley & Sons, 1975, USA.

Assessment Criteria		*If any,mark as (X)*	Percent (%)
	Midterm Exams	X	40
	Quizzes		
	Homeworks	X	20
	Projects		
	Term Paper		
	Laboratory Work		
	Other		
	Final Exam	X	40

Instructors	Asst.Prof.Dr.Hikmet BAYIRTEPE/ Asst.Prof.Dr.Kürşat ÇUBUK