Course Title-Course Code: CE 567 THEORY OF PLATES	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	84	62	188	3	7.5

Language	Turkish
Compulsory / Elective	Elective
Prerequisites	-
Course Contents	Classical theory of plates. Classification. Pure bending. General small deflection theory. Boundary conditions. Approximate methods and their applications. Circular plates and their methods of analysis. Introduction to energy methods. Stability theory of plates. Numerical analysis of plates
Course Objectives	Learning the closed and numerical solutions of plates
Learning Outcomes and Competences	Understanding the application of theory in plane structural
Textbook and /or References	L.G.Jaegler, Elementary Theory of Elastik Plates 2) R.Szilard, Theory and Analysis of Plates

Assessment Criteria		*If any,mark as (X)*	Percent (%)
	Midterm Exams	X	30
	Quizzes		
	Homeworks	X	20
	Projects		
	Term Paper	X	10
	Laboratory Work		
	Other		
	Final Exam	X	50

Instructors	Prof Dr Sinan ALTIN