

<b>Course Title-Course Code: CE 622 AN INTRODUCTION TO EARTHQUAKE ENGINEERING AND DESIGN OF QUAKE RESISTANT STRUCTURES</b>							<b>Name of the Programme:CIVIL ENGINEERING</b>		
Semester	Teaching Methods							Credits	
	Lecture	Recite	Lab.	Field Study	H W	Other	Total	Credit	ECTS Credit
1-2	42	0	0	0	98	48	188	3	7.5
<b>Language</b>	Turkish								
<b>Compulsory / Elective</b>	Elective								
<b>Prerequisites</b>	-								
<b>Course Contents</b>	Quake motion, Vibration of structures under ground motion, Behavior of reinforced structure members under quake influence, Design of quake resistant structures, Considerable earthquake of our nation, Evaluation of structures under quake influence.								
<b>Course Objectives</b>	Knowledge of earthquake and learning of quake resistant structure design fundamentals								
<b>Learning Outcomes and Competences</b>	Usage of a special topic in structural engineering								
<b>Textbook and /or References</b>	<ul style="list-style-type: none"> <li>- Requirements for Construction of Structures at disaster zones, Commentary and Examples, Prof. Dr. Ergin Atimtay</li> <li>- Requirements for Construction of Structures at disaster zones</li> <li>- Requirements for Design and Construction of Reinforced Concrete Structures</li> </ul>								
Assessment Criteria								<i>If any, mark as (X)</i>	Percent (%)
	<i>Midterm Exams</i>								-
	<b>Quizzes</b>								-
	<b>Homeworks</b>								-
	<b>Projects</b>								-
	<b>Term Paper</b>							X	100
	<b>Laboratory Work</b>								-
	<b>Other</b>								-
	<b>Final Exam</b>								-
<b>Instructors</b>	Prof.Dr. Hüsnü CAN								