

<b>Course Title-Course Code: CE 583 TRANSPORTATION MANAGEMENT</b>							<b>Name of the Programme:CIVIL ENGINEERING</b>		
<b>Semester</b>	<b>Teaching Methods</b>							<b>Credits</b>	
	<b>Lecture</b>	<b>Recite</b>	<b>Lab.</b>	<b>Field Study</b>	<b>H W</b>	<b>Other</b>	<b>Total</b>	<b>Credit</b>	<b>ECTS Credit</b>
<b>1-2</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>	<b>76</b>	<b>188</b>	<b>3</b>	<b>7.5</b>
<b>Language</b>	Turkish								
<b>Compulsory / Elective</b>	Optional								
<b>Prerequisites</b>	-								
<b>Course Contents</b>	Introduction: A framework for decision making, Management and Organization,Organization of Transportation Function,Strategic Planning of Improvements,Transportation System Development (TSD), Analytical Models in Urban Transportation Planning,Transportation System Management (TSM),Capital Improvement Programming (CIP),Project development, Plan evaluation methods, Project Management systems, Program monitoring and feedback								
<b>Course Objectives</b>	Learning and understanding: Transportation Systems Planning, urban and rural transportation planning, demand forecasts, transportation system operations and management plans, monitoring, evaluation, transportation planning issues and organization schemes.								
<b>Learning Outcomes and Competences</b>	Understanding the principles, the methodologies and strategies of transportation systems, operations and management; the issues on transportation institutions, policies, planning, financing and economics;								
<b>Textbook and /or References</b>	CE 404, Lecture Notes prepared by Prof. Cemal EGEMEN, METU. Strategies for the Evaluation of Alternative Transportation Plans, NCHRP Report 96, Highway Research Board, 1970 Metropolitan Transportation Planning, J.W.Dickey, Scripta Book Co. Washington D.C. 1975 Introduction to Transportation Engineering and Planning, E.K.Morlok, McGraw-Hill, 1978, Introduction to Management Science,T.M.Cook, R.A.Russell, 1981, Prentice-Hall Production and Operations Management: A life Cycle Approach, R.B.Chase, N.J.Aquilano, Irwin 1992, USA Principles of Urban Transport Systems Planning, B.G. Hutchinson, 1974, Scripta Bk Co.USA								
<b>Assessment Criteria</b>								<i>If any, mark as (X)</i>	<b>Percent (%)</b>
	<i>Midterm Exams</i>							X	30
	<b>Quizzes</b>								
	<b>Homeworks</b>							X	20
	<b>Projects</b>								
	<b>Term Paper</b>							X	10
	<b>Laboratory Work</b>								
	<b>Other</b>								
	<b>Final Exam</b>							X	40
<b>Instructors</b>	Asst.Prof.Dr. Hikmet BAYIRTEPE								