



Department of Civil and Environmental Engineering

CE 552 - Traffic Engineering Operations

Spring 2013

Syllabus

DATE	TOPIC	
Jan 10	Introduction, Fundamentals of Traffic Control, Signs and Pavement Markings	
Jan 17	Basic Traffic Studies, Traffic Flow Principles	
Jan 24	Road Safety, Access Management	HW 1
Jan 31	Traffic Signals and the MUTCD	
Feb 7	Traffic Signals and the MUTCD (continued)	Exam 1
Feb 14	Traffic Signal Terminology and Operational Characteristics	
Feb 21	Traffic Signal Detection	HW 2
Feb 28	Traffic Signal Timing	
Mar 7	Traffic Signal Timing (continued)	HW 3
Mar 14	Traffic Signal Coordination	
Mar 21	Traffic Signal Advanced Operations	Exam 2
Mar 28	No class - SPRING BREAK	
Apr 4	Traffic Signal Installation and Maintenance	
Apr 11	No class	
Apr 18	Traffic Signal Controller Programming + ITS	HW 4
Apr 25	VISSIM + SYNCHRO	
May 7	FINAL EXAM - 2:45pm to 4:45pm	