

Course Schedule - Fall 2006

Civil and Environmental Engineering

472 **Structural Dynamics** Credit: 3 or 4 hours.

Analysis of the dynamic response of structures and structural components to transient loads and foundation excitation; single-degree-of-freedom and multi-degree-of-freedom systems; response spectrum concepts; simple inelastic structural systems; and introduction to systems with distributed mass and flexibility. 3 undergraduate hours. 3 or 4 graduate hours. Prerequisite: CEE 360 , MATH 385, and TAM 212.

CRN	Type	Section	Time	Days	Location	Instructor
29782	lecture-discussion	TW3	03:00 PM - 04:20 PM	TR	room B218 Newmark Civil Engineering Bldg	Spencer, B
29782: 3 hours 3 Hours SECTION TW3:STRUCTURAL DYNAMICS PREREQ: TAM 212, MATH 385, and CEE 360						
47439	lecture-discussion	TW4	03:00 PM - 04:20 PM	TR	room B218 Newmark Civil Engineering Bldg	Spencer, B
47439: 4 hours 4 Hours SECTION TW4: STRUCTURAL DYNAMICS, PREREQ: TAM 212, MATH 385, and CEE 360.						