UNIVERSITY OF SOUTHERN CALIFORNIA  
Department of Civil and Environmental Engineering

FALL 2018

CE 459 Introduction to Structural Dynamics

Instructor: Sami F. Masri  
KAP 206A  
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Office Hours: Monday: 1:30 - 3:30 pm; Thursday: 10:00-11:00 am

Teaching Assistant: TBA; KAP 239, Telephone: 213-740-2036; email: ?

T.A. Office Hours: M,W: 1:00-3:00 pm, (KAP 239)

Class No. 29674R

Class time & Place: 11:00 am to 12:15 pm; T,Th Room: KAP164


Co-rerequisite: CE 458 : “Theory of Structures II”


Final Exam: Tuesday, 11 December 2018, 8:00 - 10:00 a.m.

Grades: Homework / Midterm / Final: Homework: 20%; Two Midterms: 40%; Final: 40%

Remarks: Weekly assigned homework problems

Late Homework will not be accepted.  
No make-up on any examinations.

COURSE OUTLINE

1. Single-Degree-of-Freedom Systems
2. Response to Harmonic and Periodic Excitations
3. Response to Arbitrary Dynamic Loads
5. Multi-Degree-of-Freedom Systems
6. Introduction to Earthquake Engineering
7. Structural Dynamics in Building Codes