CE 541a DYNAMICS OF STRUCTURES

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Teaching Assistant #1: Miguel Hernandez-Garcia; KAP 239; Telephone: 213-740-0575;
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Class No. 29779R, 29780D

Class time & Place: Monday 6:40 - 9:20 pm; Room: OHE 100C


Final Exam: Monday, 05 December 2011, 7:00-9:00 pm

Grades: Homework/Midterm/Final: 20%/30%/50%

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. Systems With Several Degrees-of-Freedom
3. Energy Methods
4. Elements of Analytical Dynamics
5. Vibration of Continuous Systems (Exact Methods)
6. Vibration of Continuous Systems (Approximate Methods)
7. Computational Techniques