C&EE 243B: Response & Design of RC Systems

Professor:
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Course Information:
Enrollment number: 547-217-200
Lecture 4 hours/week (4 units)
CourseWeb: http://websrv.seas.ucla.edu/

Time/Room: Monday/Wednesday 2:00-3:50 pm

Office Hours:
5731C Boelter Hall

Grading:
Midterm 25%
Homework 40% See notes below
Final 35%

Homework Policy: The homework grade constitutes a significant portion of your grade in this class due to the effort that is required. The homework problems must be done in a neat and orderly fashion on engineering or graph paper using a pencil (no ink). Homework results must be summarized and answers clearly indicated. Discussion, as appropriate, should also be provided. Late homework will be marked down 15% for each day it is late.

Exam Policy: The date and format for the Midterm exam will be set at least one week prior to the exam date.

Prerequisites:
C&EE 246 Structural Response to Ground Motions
C&EE 243A Behavior and Design of RC Structural Elements

Texts:
FEMA 356/274/ Reports (Required)
FEMA 283/349 (Required)
ASCE 7-05 (recommended)
IBC 2006 (recommended)
Structural Dynamics Textbook (Clough & Penien; or Chopra)
“Building Code Requirements for Structural Concrete: ACI 318-08,” American Concrete Institute, Farmington Hills, MI. (required)

FEMA Distribution Facility: 800-480-2520