Course Home Page:  http://www.eng.uci.edu/~fjabbari/me147/welcome.html

Instructor:
Faryar Jabbari (fjabbari@uci.edu)
S3221 Engineering Gateway (824-6433)
Office Hours: T  11:00 to 1:00. (Also, T  11:00 to 1:00 by appointment)

Teaching Assistant:
Rosy Atmajda (ratmajda@uci.edu) (824 3783)
EG 3116
Office Hours: TBA

Tim Chiplock (tchiploc@uci.edu)
Mostly grading (no formal office hours)

Grading, etc:
HW ( 7 %), Projects (10 %) Midterms (45 %) and Final (38 %)
HW assignments: Due Tuesdays (Mostly) , Check-off grading
Midterm 1: Thursday, October 25
Midterm 2: Tuesday, November 20
Final: Thursday, December 6, 8:00 to 10:00, SH 128

Course Outline
- Chapter 1: Springs, dashpots, harmonic motion, complex variables, Fourier series, Laplace Transforms (2 weeks)
- Chapter 2: Free vibration of single degree of freedom (1 week)
- Chapter 3: Harmonic excitations (1 week)
- Chapter 4: General forcing functions (1 week)
- Chapter 5: Two degree of freedom systems (1 week)
- Chapter 6: Multi-degree of freedom systems (2 weeks)
- Chapter 9: Design issues in rotating shafts, vibration isolators, vibration absorbers and sensing instruments (2 weeks)

SKIP THE FOLLOWING SECTIONS AND SUBSECTIONS
- Chapter 2: 2.8, 2.9
- Chapter 3: 3.4.1, 3.4.2, 3.8, 3.9, 3.10, 3.11, 3.12
- Chapter 4: 4.3, 4.6, 4.8, 4.9
- Chapter 5: 5.8, 5.9
- Chapter 6: 6.6, 6.7, 6.8, 6.16, 6.17
- Chapter 9: 9.3, 9.5, 9.8