Syllabus
EECS 70A (CSE 70A) Spring 2010   Code 18020 (16080, 36050)
Network Analysis I

Textbook: *Fundamentals of Electric Circuits (4th Edition)* Alexander & Sadiku, McGraw Hill, 2007.
Prerequisites: Physics 7D; EECS10, MAE10 or CSE21/ICS 21.
Co-requisites: Mathematics 2J or 3D.

What I want you to learn about ("Outcomes"):

1.   Use mathematical tools for analyzing linear RLC circuits.

2.   Describe the basic network theorems.

3.   Describe the concepts of frequency response of linear RLC circuits.

Lecture Hours: 8:00-9:20 P.M. T/Th
Lecture Classroom: PCB 1100
Discussion Sessions: A1: W 12:00-12:50 P.M. ICF 103
                           A2: W 1:00-1:50 P.M. ICF 103
                           A3: W 2-2:50 P.M. ICF 103

Instructor: Peter Burke, Prof. of Electrical Engineering and Cptr. Science
                           2232 Engineering Gateway
                           949-824-9326   pburke@uci.edu

Instructor Office Hours: 8:30-10:00 A.M. Tu/Th or by appointment

Teaching Assistant: Katayoun Zand kzand@uci.edu

T.A. Office: To be announced

T.A. Office Hours: To be announced

Grading Components:

Homework	10%
Weekly quizzes	15%
Midterm Exam # 1 (date to be announced)	25%
Midterm Exam # 2 (date to be announced)	25%
Final Exam (Tuesday Jun 8-10 A.M.)	25%