

Syllabus
EECS 70A (CSE 70A) Spring 2016 Code 18050 (16500, 35890)
Network Analysis I

Textbook: *Fundamentals of Electric Circuits (5th Edition)* Alexander & Sadiku, McGraw Hill, 2013.

Prerequisites: Physics 7D; EECS10, MAE10, EECS12, CSE41, or ICS31.

Co-requisites: Mathematics 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: 11:00 am – 12:20 pm T/Th

Lecture Classroom: DBH 1600

Discussion Sessions: A1: Tu 5:00-5:50 P.M. ELH 110

A2: Tu 6:00-6:50 P.M. ELH 110

A3: Th 8:00-8:50 A.M. ELH 110

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

Instructor Office Hours: Tu/Th 12:30-1:30 or by appointment

Teaching Assistant: Caner Guclu , Shah Rahman

T.A. Office: To be announced

T.A. Office Hours: To be announced

Grading Components:	Homeworks	10%
	Weekly quizzes	10%
	Midterm Exams (dates to be announced)	60%
	Final Exam (Tues Jun 7 10:30am-12:30pm)	20%