**Syllabus**

**EECS 70A (CSE 70A) Spring 2014 Code 18050 (16500, 36250)**

##### 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  
A4: Th 3:00-3:50 P.M. ELH 110

**Instructor:** Peter Burke, Prof. of Electrical Engineering and Cptr. Science

# 2232 Engineering Gateway

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**Instructor Office Hours:** Tu/Th 10-11 am

**Teaching Assistant:** To be announced

**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 9 10:30am-12:30pm) 20%