Instructor: Shahriar Mirabbasi (shahriar@ece.ubc.ca), Office: Kaiser 4032, Tel: 604-827-5218

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Schedule

Lecture: Tuesdays and Thursdays: 8:00 to 9:30, Hugh Dempster Pavilion (DMP) 110
Tutorial: Fridays: 8:00 to 10:00, MCLD 202

Course Outline:

This course provides an introduction to signals and systems, in both continuous and discrete time. We will discuss continuous and discrete time signal analysis techniques (Fourier analysis of signals), convolution and correlation, filtering, sampling, multiplexing and modulation of signals. We will also cover an introduction to probability and its applications in communications.

Course Web Page:

Announcements and course notes will be posted on the course web page: http://courses.ece.ubc.ca/359
Course notes are based on the notes prepared by Professors L. Lampe, C. Leung, and R. Schober. I would like to gratefully acknowledge their contributions to our course notes.

Textbook:


Other Useful Reference Material (in no particular ordering):


Mark Breakdown:

Assignments: 10%
Midterms: 40%
Final: 50%