

Lagoa Fall 2012

## **EE 350 – Handout #3** Syllabus

The course will cover Chapters 1,2,3,4,6 and first two sections of Chapter 7 of the textbook (not necessarily in this order).

1. Course Overview.
2. Introduction to Signals and Systems.
3. Classical Solution of Ordinary Differential Equations (ODEs).
4. Stability.
5. Signal Representation by Fourier Series.
6. Signal Analysis: The Fourier Transform.
7. System Analysis Using Laplace Transform.
8. Frequency Response.