

ESE 547 Fall 2009; September 2

Class	Topics	Sections	Reading
1	Introduction	2.2 – 2.5.1	Chapter 1, Sec. 2.1

Homework:

1. Use MATLAB (or other package) to generate and plot the following sampled waveforms; each waveform is to have a sampling rate of 1,000 samples/second, and is to be plotted from 0 to 0.25 second. *Be sure to plot with “points” or “stems”, not “lines”.*
 - (a) cosines with frequency 10, 330, 490, 990, 1000, and 1010 Hz
 - (b) sawtooth and square-wave functions with frequency 10 and 500 Hz