University of Portland
School of Engineering

EE 262
Spring 2014
A. Inan

Homework #2
(Assigned: Wednesday, January 22, 2014)
(Due: Wednesday, January 29, 2014, 9:15a.m.)

These problems are assigned from Engineering Signals and Systems by Ulaby/Yeagle (2013) (pages 25-29 & 78-82):

1.33. Parts (a), (c) & (d). Power and energy signals.
1.38. Parts (a) & (c). Energy of a signal.
2.1. Parts (b) & (d). Linear, time-invariant (LTI) systems.
2.4. Impulse and step responses of an LTI system.
2.5. Parts (a) & (c). Response of an LTI system.
2.7. Pulse response of an RC circuit.

Please use the following guidelines for your homework solutions:
1) On the first sheet, at the top center, write: Homework #2-Solutions.
2) Provide your full name on the upper right corner of the first sheet.
3) Also write: EE 262/Spring 2014 on the upper left corner of the first sheet.
4) Solve each problem on a separate sheet unless your solution is very short.
5) Box all of your answers.
6) Staple your solutions in the above order before you turn them in.

Please turn in your homework on time.