EE 261/Handout # 4
(Monday, September 6, 2004)

Homework # 2
(Due Monday, September 13, 2004, 1:35p.m.)

These problems are assigned from Introduction to Electric Circuits by Dorf/Svoboda (6th edition, pages 52-56):

P 2.3-3. A linear element.
P 2.5-1. A current source and a resistor.
P 2.5-3. A voltage source and a resistor.
P 2.5-6. A current source and two resistors.
P 2.5-8. Lighting equipment of a mine.
P 2.6-2. A current source, a voltage source and a resistor.
P 2.7-2. Ammeters and voltmeters.
P 2.8-2. Ammeters, voltmeters and dependent sources.
VP 2-2. Power rating of a resistor.
DP 2-1. Design of a simple electric circuit.

Please use the following guidelines for your homework solutions:

1) On the first sheet, at the top, indicate that this is EE 261/Fall 2004/HW #2 Solutions and provide your name somewhere on that sheet where the grader can easily see it.
2) Solve each problem on a separate sheet unless a solution is very short.
3) Do not use the back of the sheets unless you have to.
4) Staple your solutions in the above order before you turn them in.

Please turn in your homework on time. Each homework solution will be provided as a separate handout on the due date of the homework.