An Important Reminder Note:
EE 261–Midterm # 1 will be held on Friday, October 1, 2004!
It is a 55-minute closed book exam. A single formula sheet is allowed.

EE 261/Handout # 8
(Monday, September 20, 2004)

Homework # 4
(Due Monday, September 27, 2004, 1:35p.m.)

These problems are assigned from Introduction to Electric Circuits by Dorf/Svoboda (6th edition, pages 138-146):

- P 4.3-3. Node voltages.
- P 4.4-1. Measuring a node voltage using a voltmeter.
- P 4.4-3. Finding a node voltage using a super-node.
- P 4.4-6. Measuring a node voltage using a voltmeter.
- P 4.5-2. Node voltage associated with a dependent source.
- VP 4-3. Trade your lab partner! ☺
- DP 4-1. Design of a voltage-divider circuit for a digital display.*
*Optional. (Extra credit.)

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 #4 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 there is a solution that 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. The solutions for each homework assignment will be provided as a separate handout on the due date.