

## Exam 1 Announcement

**When:** Monday, February 18, 2008, 8:15 P.M.10:15 P.M. Please show up a few minutes early so that you can take advantage of the full time available.

**Where:** Walker 103.

**Crib sheet:** The exam is *closed book*. You may, however, bring one *handwritten* crib sheet on an  $8\frac{1}{2} \times 11$  or A4 *colored* sheet of paper. The color of the paper has to be significantly different from white. Preparing a crib sheet can be a useful study aid, so take time in selecting material for it. You may use both sides of the paper and write as small as you like, but you are allowed only one sheet and it must be handwritten. Calculators and programmable devices are not allowed for this exam.

**Material covered:** You are responsible for all material covered in the lectures through the lecture on Wednesday, February 13, chapters 0-4.1 of the book, and homework 1–4. The course home pages has a record of the material covered in lectures.

**Practicing for the exam:** Make sure you know how to solve all homework problems, and solved exercises in the book for appropriate chapters. If you need more practice, use other problems in the book. For your convenience, the header page of the exam is enclosed, so that you know what to expect. Like homework problems, the questions will be on understanding the material, not memorization of the facts learned in class.

## Midterm Exam 1

- Do not open this exam booklet until you are directed to do so. Read all the instructions on this page.
- When the exam begins, write your name on every page of this exam booklet.
- This exam contains 5 problems, some with multiple parts. You have 120 minutes to earn 100 points.
- This exam booklet contains xxx pages, including this one. Two extra sheets of scratch paper are attached. Please detach them before turning in your exam.
- This exam is closed book. You may use three handwritten  $8\frac{1}{2} \times 11$  or A4 crib sheets. No calculators or programmable devices are permitted.
- Write your solutions in the space provided. If you need more space, write on the extra sheet attached at the end of this booklet.
- Do not waste time and paper rederiving facts that we have studied. It is sufficient to cite known results.
- Do not spend too much time on any one problem. Read them all through first, and attack them in the order that allows you to make the most progress.
- You will be graded not only on the correctness of your answer, but also on the clarity with which you express it. Be neat.
- Good luck!

Name: \_\_\_\_\_ ID: \_\_\_\_\_

Problem	1	2	3	4	5	Total
Points	21	20	18	21	20	100
Grade						