

## Exam Rules:

- Each midterm is 50 minutes long, in quiz section.
- Each midterm counts for 21% of your grade. Midterm 2 covers Worksheets 12 through 18.
- The exam will consist of 3-5 problems and 4-5 pages. You can see previous exams in the exam archive online.
- You are permitted to bring: one 8.5"x11" sheet of notes (two-sided), a ruler, and a calculator. No other electronics are allowed (for instance, music players, PDAs, etc).
- **Please bring photo ID** and be aware that your TA may spot-check some IDs.
- There are no makeup exams. If a serious emergency occurs (such as illness) and you miss the midterm, you need to contact your professor as soon as possible and provide documentation.

Note that Hall Health provides one acute illness visit per quarter free for UW students, so even if you do not have medical insurance you can still visit a doctor's office.

## To study for the midterm:

1) **REVIEW:** First, review all the basic concepts, formulas and methods we covered so far. Use the posted Review File as a starting point, and look through your class notes and text. Do you understand each of the main concepts and methods? You should be able to describe them to a friend, and to recall some problems where you applied them, and how you knew that that was the right way to proceed. Look over the arrow problems at the end of the worksheets and recall how you solved them.

2) **UPDATE YOUR SHEET OF NOTES:** As you work through (1) above, make sure your sheet of notes for the exam contains all the important points. Your sheet should be clean, neat, and organized, so you can find things easily. Do not write too small, or make the sheet too busy/messy, or it will confuse you more than it will help. Remember that you'll have limited time during the test!

3) **PRACTICE:** Once you're comfortable with the material and all the homework/activity problems, print out a few previous exams from the Exam Archive (under **Exam 2**), and attempt them in test-like conditions: 50 minutes, quiet location, with no help but your sheet of notes and calculator. Do not peek at the answers until finished and do try to finish in no more than 50 minutes! When finished (or when the time's up), compare your work to the posted solutions, and see which parts you missed. Review again the parts you missed, or bring questions to our review sessions.

## During the exam:

- Start by looking over the test quickly to see how long it is and about how long you can spend on each problem.
- Start with the problems that look easiest to you. Read each question very carefully before writing down anything, to make sure you're answering the correct question and that you're not wasting time on something that was not asked.
- Don't spend too much time on any one problem, and don't panic. If you get stuck, move on and come back later. If you studied regularly and well, you should be able to do the entire exam, but sometimes the pressure can make you unable to think straight. If you return to the same question later you may notice something you missed the first time.

- Don't cheat. You'll get a better grade on your own work anyway -- plus it's almost certain to get caught. There will be different versions of the exam, and we take cheating very seriously. The consequences for cheating are outlined in the university policy on academic misconduct.
- Before handing in your exam, take a quick look and make sure you answered as much as possible every question. If you have time left, review your answers.
- **VERY IMPORTANT:** unless otherwise stated, **SHOW ALL STEPS** and use the methods learned in this class! This includes drawing lines and points, labeling each of them, describing the method you use, showing which computations you performed, etc. **Guessing and verifying (or reading values off your graphing calculator) will not get full credit if there was a better procedure to determine the answer.** In particular:
  - If we cannot tell how you got your answer you will not get much credit, even if your answer happens to be correct.
  - On the other hand, if you show work and your answer is wrong, you will get some partial credit for the steps that are correct in your solution. The amount of partial credit will depend on the grading scheme and the work written on your paper.

GOOD LUCK!