SCE Math 101 & 112
Tips for studying for Exam # 1

Here is some information about the upcoming exam along with some tips on how to study for it.

The lab hour schedule is Monday–Friday 3:00 PM–3:30 PM in room 3250 of the College Library. (This is the same room that we have class in.) The study tables schedule is Sunday–Thursday 7:00 PM–9:00 PM. (Except for Monday 8:00 PM–10:00 PM)

If you are a McBurney student requiring special accommodations, you must contact your instructor immediately.

Computer Exam:

• In class on Friday July 11
• The exam will last 45 minutes for 112, 50 minutes for 101.
• These problems will be similar to your homework and quiz problems. If you know how to do all the homework and quiz problems, you should know how to do all of these problems.
• You will be allowed to use a scientific calculator on the exam. Graphing calculators, cell phone calculators, the computer calculator, etc. will not be allowed.

How to study for the exam: (#2–#6 are the MOST important.) Here are a bunch of suggestions for how to study for the exam. I recommend starting at the top of the list and working your way down. It is unlikely that anyone will do all of them. #2–#6 are the most important pieces of information for you. In general, the advice is to review what you’ve done so far.

1. Material covered:
   • Math 101 - The exam will cover the material in HW1, HW2, & HW3.
   • Math 112 - The exam will cover the material in HW1, HW2, & HW3.

2. Take Quiz # 3 multiple times. Look at the questions you got wrong. Those are the things you need to study. If you look in the upper right-hand corner of the problem, it will say a number, like 1.3.17. It means that the problem comes from Chapter 1, Section 3. Go back to the e-text and read over that section. Do those problems in the practice homework. Remember that by hitting the ”Similar Exercise” button, you can do these problems as many times as you like! When you’ve done all this, repeat! Take Quiz # 3 again. See how you do and then go back and study the problems you got wrong.
3. Look over Quiz # 1 and Quiz # 2. Look at the questions you got wrong. Those are the things you need to study. Follow the same instructions as in the item above.

4. Look over the old exams found here: http://math.library.wisc.edu/reserve/ These exams should give you a good idea of the kinds of questions that may appear on the written exam. All questions on your exam are based off of the homework assignments that you have completed up to this point.

5. Go over Written Quizzes #1, #2, and #3. Look at the comments written by your instructor. If you aren’t sure how to do a problem correctly, just ask!

6. Go over HW #1, HW #2, and HW #3. Do all the problems that you skipped on the old homework assignments. This won’t affect your homework grade, but since these problems were important enough to assign, it means that they are important enough that they could be on the exam. To do this, go to Gradebook and then click on "Review" next to a homework assignment. When it opens, go to a problem you missed/skipped then hit the similar exercise button. This will give you a new problem that is similar to the one you missed/skipped. Remember that by clicking on the “Homework” or “Assignments” tab on the left of the page, you can access the practice homeworks. These homeworks are designed to match up perfectly with the regular homework assignment (Ex: #34 on HW #2 corresponds to #34 on Practice HW #2). In addition, the practice homeworks have additional tools to help you understand the problem. These tools are ”Help me solve this”, ”Show me an example”, ”Video”, and ”Animation.”

7. Utilize the lab/office hours and the study tables. The schedule is at the top of this document.

8. Do the Practice HW #1, Practice HW #2, and Practice HW #3. If you feel like doing the things listed above isn’t enough, you can also go through and do the practice assignments. I might suggest that you do the practice assignments and treat them like a practice exam on the material. Go through and do all the problems once. Don’t immediately redo the problems that are incorrect. At the end, look at the score to gauge your understanding of that particular content.

9. Use the “Study Plan”. When you log in to MyMathLab, you’ve probably noticed a tab on the left that says ”Study Plan.” You can go in and do problems, then see which topics you still need to master.

10. Use the Guided Notebook. If you bought the guided notebook at the bookstore or if you have been taking good notes while reading your textbook, you can also go back through your guided notebook and read the examples, etc.

Happy studying!