MATH 124 & 125 FINAL EXAM INFORMATION - SPRING 2008

PROCEDURES

- The final exam is on Monday, May 12 from 2:00 – 4:00 pm. Do not be late. You will not be given additional time if you arrive after 2:00 pm. We recommend that you arrive 15 minutes early.
- If you will be using DRC testing accommodations, you should arrive 15 minutes early to the testing room at the DRC.
- Bring your graphing calculator. Any model is allowed on the final exam. You will not be allowed to borrow or share a calculator.
- No formula sheets or notes are allowed.
- Bring a picture ID.
- The final exam is not given in your usual classroom. The room assignments are posted at http://math.arizona.edu/~courseinfo/common/#examlocations. You will not be allowed to take the final exam in a room other than the one assigned to your section.
- Because several sections will be in the same room, students in each section will need to sit together. Additional directions will be given at the test site.
- All cell phones and electronic devices such as PDAs must be turned off during the exam. Vibrate or silence modes are not allowed.
- You will not be allowed to leave the exam room until 3:00 pm.

ABOUT THE EXAM

- There will be 15-17 problems on the final exam. The point values for each problem will vary. The values will be listed on the cover sheet of your exam.
- A few questions might have a multiple choice, short answer, matching, or True/ False format.
- Except where noted, you must show all work to get credit. Your final answer must also follow from your work (even if your answer is correct).
- You should not use approximation techniques unless specifically told to do so. For example: don't use the built-in numerical integration feature on your calculator if the Fundamental Theorem can be used to evaluate a definite integral.
- Answers should be in exact form. For example: don't write 0.693 if your answer is $\ln 2$ (more decimal places won't help either).
- You need to know the trigonometric values of the special angles. For example: we expect you to write $\cos(5\pi/4)$ as $-\sqrt{2}/2$ or $-1/\sqrt{2}$.
- You need to know the following geometry formulas: area of a circle, rectangle, and triangle; circumference of a circle, perimeter of a rectangle; volume of a rectangular box, cylinder, and sphere; surface area of a rectangular box and a cylinder; Pythagorean Theorem.
- Any function type may appear on the exam (polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, absolute value, piecewise, implicitly defined, parametric).
- Any function format may appear on the exam (tables, graphs, equations, words).
- You need to recognize the definitions of $f'(a)$, $f'(x)$, and $\int_a^b f(x)dx$.
- The final exam review packet (posted at http://math.arizona.edu/~calc) provides additional problems for practice. Although the questions on the packet are not samples of actual exam questions, they do cover the topics that are relevant for the exam.
- Problems at the end of each chapter (Review Exercises and Check Your Understanding) can also provide extra practice and review.
- The Left/Right Sums program (or ALLSUMS) is relevant for the course, but there will be no problems that specifically require the use of the program.