

INFORMATION ABOUT THE MATH 124 & 125 FINAL EXAM FALL 2007

PROCEDURES

- The final exam is on Monday, Dec 10 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.
- Bring a picture ID.
- The final exam is not given in your usual classroom. The room assignments will be posted at <http://math.arizona.edu/~courseinfo/common/#examlocations>. You will not be allowed to take the final 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, 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). Don't write 0.7071 if your answer is $\cos(\pi/4)$. We do expect you to write $\cos(\pi/4)$ as $\sqrt{2}/2$ or $1/\sqrt{2}$.
- You need to know the trigonometric values of the special angles.
- Trigonometry problems should be done in radian mode.
- 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 box, cylinder, and sphere; surface area of a 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).
- The final exam review packet was designed to provide 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 be helpful for practice and review.
- The Left/Right Sums program (or ALLSUMS) is relevant for the final exam, but there will be no problem that will require the use of the program specifically.