

## PROCEDURES

- The final exam is scheduled for Friday, February 3. The time allowed for the exam is 1 hour and 45 minutes. We scheduled the exam from 7:15 pm – 9:15 pm to allow us time to seat everyone and distribute materials.
- Do not be late. We plan to begin exam procedures at 7:15 pm. You will not be allowed extra time if you arrive after the start of the exam.
- The final exam is not given in your usual classroom. Room assignments will be posted in D2L and on the Math 122a webpage. 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 exam site.
- Bring your graphing calculator. Models that can perform symbolic calculations (also known as CAS) are NOT allowed on final exam. CAS models include (but are not limited to) the TI- 89, TI NSpire CAS, HP 50g, and Casio Classpad 330. Students cannot share calculators.
- All cell phones and electronic devices that transmit/receive a wireless signal must be turned off during the exam. Laptops, iPods, and language translators are not allowed.
- Bring a picture ID. These will be checked.
- As you leave the exam, you will receive an information sheet regarding the posting of grades and registration for Math 122B/120R. The first lecture day for both courses is Monday, February 6.

## ABOUT THE FINAL EXAM

- There will be 40 multiple choice questions on the exam, each worth 5 points.
- You will mark your answers on a preprinted answer sheet. We strongly recommend that you also circle your answers in your test booklet.
- You are not allowed to use your own paper. If you need additional space for work, you must use paper provided by the proctors.
- No formula sheets or notes are allowed.
- Know the notation and terminology used in the study guide (the same as what appears in the text and the WebAssign homework).
- Know the geometry formulas: area of a circle, rectangle, and triangle; circumference of a circle, perimeter of a rectangle; volume of a cylinder and box.
- Know Pythagorean Theorem, the distance formula, and the definitions of the six trig ratios.
- Know the exact trigonometric values of the usual special angles.
- Know the Pythagorean trig identities.
- Any function type can appear on the exam: polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric (arcsin, arctan), and piecewise defined. Equations and expressions can include parameters.
- Functions can be given in any form (tables, graphs, equations, words).
- Make practical interpretations and graphical interpretations for mathematical expressions.
- Solve equations and simplify expressions.

## HOW TO PREPARE FOR THE FINAL EXAM

- The final exam study guide is posted in D2L and on the Math 122a webpage. Although the questions in the guide are not samples of the actual exam questions, they provide an excellent review of the topics that are covered on the exam.
- After completing the study guide, try the RU Ready assignment in WebAssign. The questions in the assignment are not samples of the exam questions, but they do provide additional practice with the topics of the course and are in the multiple choice format.
- Review your class notes, homework, and try additional problems in the text.