MA 22000 Exam 3 Memo
Exam 3 evening exam
Thursday, November 14th, 2013
8:00 PM in Elliott Hall of Music
(plan on arriving about 15 minutes early to find your assigned seat)

1) Exam 2 covers lessons 17 through 27. This includes parts of the following sections from the first half (algebra part) of the textbook: 12.4. It also includes parts of these sections from the second half (calculus part) of the text: 2.4, 2.5, 3.1, 4.3, 4.4, 4.5, 5.1, 5.2, 5.3, and part of 5.4. This material is found in lessons 17 through 27.

2) There is no partial credit on this exam, since it is multiple-choice. **Students will bubble in answers on an answer sheet (scantron sheet) as well as circle the answers on the actual exam.** If you circle your answers on your exam, you can self-grade your exam after the exam answers are posted on the web page.

3) The exam is self-explanatory. No questions will be allowed unless a student believes there is a typographical or printing error. Instructors/proctors cannot give algebraic, calculus, or arithmetic help during the exam.

4) **Reviewing/Studying for Exam:**
It is recommended that you re-work **all** homework problems. (Use the study plan in MyMathLab or the Review link from the MyMathLab gradebook.)
These additional problems from the textbook could be used for review:
From the 1st half of the text (algebra part),
Chapter 12 Review (page 795): 49, 51, 53, 55
From the 2nd half of the text (calculus part),
Chapter 2 Review (page 113): 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 73, 75, 79, 81, 82, 89, 91, 93, 103
Chapter 3 Review (page 188): 31, 33
Chapter 4 Review (page 244): 21, 25, 31, 33, 35, 37, 41, 43, 51, 57, 59, 61, 67, 69, 71, 76
Chapter 5 Review (page 297): 1-4, 6, 7, 17, 19, 21, 27, 29, 31, 33, 35, 37, 39, 41, 43, 47, 49, 63(a-d), 64

5) Students need to know the **formulas** for the Pythagorean Theorem, area of a rectangle, the distance formua (d = rt), slope-intercept form of a line, point-slope form of a line, standard form of a line, the basic derivative rules, the derivative of a product rule, and the derivative of a quotient rule, how to convert between exponential and logarithmic forms, the chain rule, derivative rules of natural exponential and natural logarithm functions. The quadratic formula and the compound interest formulas will be provided.

6) **There are some previous exams available through the exam archive. (Not all of them may be multiple-choice exams.) On the course web page, click on the link to the old exams. You will have to use a drop-down menu to select MA 220 exams. I have 3 past exams 3 available, with answers or solutions. You can also find the past exams by using the past exam archive link at the right side of the course web page.**

7) Students must bring a **PHOTO ID** with them to the exam, preferably your Purdue ID. It is recommended that students arrive at least 10-15 minutes prior to the start of the exam. (This will allow you time to find your assigned seat.) The exam will be timed and you cannot work past the 75 minute time limit.

8) No one will be allowed to leave the exam for the first 20 minutes of the exam. Students arriving after 20 minutes will be allowed to take the make-up or alternate exam. If they arrived late for a non-valid reason, a grade penalty of 20 points will be applied.

9) Your instructor will describe where you will be seated and will assign seats. **You are to sit in your assigned seat**. Seat assignments will be given approximately a week before the exam. Your instructor may give you your assigned row/seat in Elliott Hall or the seat assignments may be posted on the course web page.

10) Bring with you the following: pencils, erasers, a one-line scientific calculator, and Purdue ID. **Do not bring scratch paper.** ***If you have any doubt that you have an approved one-line scientific calculator, please ask your instructor to look at your calculator prior to the exam.*** **No other types of calculators will be allowed during the exam. Turn your cell phone off; or better, do not bring it. Do not wear hats or tinted glasses (sunglasses).** Book bags, totes, or purses should be closed and on the floor during the exam.

11) A student must contact the course coordinator, Charlotte Bailey, in MATH 802 (496-3145 or baileycm@purdue.edu) IMMEDIATELY, if some emergency prevents him/her from taking the exam. You must see Charlotte in person ASAP to arrange to take the alternate exam. Alternate exams without a grade penalty are only allowed for documented reasons.

REMINDER: No textbooks or notes are allowed on this exam. You must use only a 1-line scientific calculator, such as a TI-30Xa.