MA 22000 Exam 2 Memo
Thursday, March 6th, 2014
8:00 PM in EE 129
(plan on arriving about 15 minutes early to find your assigned seat)

1) Exam 2 covers lessons 9 - 15. This includes parts of the following sections from the second half (calculus part) of the text: 3.1, 3.3, 3.4, 4.1, and 4.2. This material is found in lessons 9 through 15.

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.** Only the scantron will be collected. Students will take the exam questions with them and may self-grade the exam after the answers are posted.

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 or arithmetic help during the exam. You must know how to use your 1-line scientific calculator. (The recommended calculator is a TI-30Xa.) No calculators may be shared.

4) **Reviewing/Studying for Exam:**
    It is recommended that you <u>re-work **all** homework problems</u>. (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:
    <u>From the 2nd half of the text (calculus part)</u>
    Chap. 3 Review (p. 188): 17, 18, 23, 25, 29, 31, 32, 33, 47, 49, 51, 55, 62, 64(a, d)
    Chap. 4 Review (p. 244): 1 – 4 (all), 11, 15
    Section 4.1 (p. 207): 3, 9, 13, 19, 21 (use product rule), 29, 35, 39, 41, 43, 45, 51, 55, 61, 67(a, c), 69, 71
    Section 4.2 (p. 216): 1, 5, 9

    There is a link on the web page to past exams (exam archive). I have available the last three semesters' exams. Note: You may want to view past exam 1's and 2's. Each semester the cut-off lesson for exam 1 and/or exam 2 may be different. There is also a review worksheet for exam 1 and a review worksheet for exam 2 found on the web page under 'other information', worksheets. For review worksheet for exam 2, try to following problems: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 23, 25

5) Students need to know the **formulas** for the perimeter and area of a rectangle or square; the formula for volume of a cube or rectangular prism (box), the distance formula ($d = rt$), the simple interest formula ($I = prt$), the slope formula, the slope-intercept form of a line, general or standard form of a line, all procedures for finding limits that we have discussed, the procedure for finding an average rate of change over a given interval, the difference quotient, the limit definition of a derivative, the basic derivative rules, and the product rule. Any other needed 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 1 available and 3 past exams 2, 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 <u>must bring a</u> **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 25 minutes of the exam. Students arriving after 25 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 will give you your assigned row/seat in EE 129 in class. If you do not receive your seat assignment during class, you may request it my emailing your instructor at baileycm@purdue.edu.

10) Bring with you the following<u>: pencils, erasers, a one-line scientific calculator, and Purdue ID</u>. **Do not bring scratch paper. (The back sides of the exam questions may be used for scratch work.)** *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 are only allowed for documented reasons.

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