# MA 15910 Final Exam Memo
# Final Exam
# Tuesday, December 16
# 8:00 AM in Lambert Field House

(plan on arriving about 15 minutes early to find your assigned seat)

1) The final exam covers lessons all lessons from the semester. This includes lessons 1 – 26 that were covered on the mid-term exams and lessons 27 – 32 that have been covered since exam 3. (There are 30 questions and 5 of them are from the practice final found on the web page.)

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.** You cannot take this exam with you and answers will not be posted. The paper exams are kept as a back-up should your scantron be accidently lost or destroyed by the machine.

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, arithmetic, or calculator 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 among students.

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.)

You may read the exam memos for exams 1, 2, and 3. There are some listed problems from the textbook for extra practice found on these memos.
Here are some additional problems from the textbook on lessons since exam 3 that you can also practice.

Chapter 5 Review, 2nd part of text, page 298: 39, 41, 43, 47, 49, 51, 59
Chapter 6 Review, 2nd part of text, page 350: 1, 2, 11, 13, 17, 45, 47, 67

There is a department practice final found on the web page.

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, 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, point-slope form of a line, and the compound interest formulas will be provided.

6) **There are some previous midterm exams available through the exam archive. 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 (old number for MA 15910).**

**There is a department practice final exam that is found on 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. Enter the middle aisle until you see a sign indicating your row. Seat 1 is on the aisle. Count over to find your seat number. The exam will be timed and you cannot work past the 2 hour (120 minutes) time limit.

8) No one will be allowed to leave the exam for the first 40 minutes of the exam. Students arriving after 40 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) The course coordinator 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. A diagram of seating is found 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 way from the student 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.