

MA 15910 Final Exam Memo  
Final Exam  
**Wednesday, December 16<sup>th</sup>**  
**8:00 AM in Elliott Hall of Music**  
**This is a 2-hour exam.**

(plan on arriving about 15-20 minutes early to find your assigned seat)

Do not be late. Set your alarm on Tuesday night to awake you on Wednesday morning.

- 1) The final exam covers lessons all lessons from the semester. This includes lessons 1 – 27 that were covered on the 3 mid-term exams and lessons 28 – 32 that have been covered since exam 3. (There are 30 questions and a few 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 (just like the mid-term exams). **Students will bubble in answers on an answer sheet (scantron sheet) as well as circle the answers on the actual exam.** However, 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 accidentally lost or destroyed by the computation 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 TI-30XA scientific calculator. No calculators may be shared among students. The instructor or proctors may not have extra calculators to loan to 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 review 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, 2<sup>nd</sup> part of text, page 298: 39, 41, 43, 47, 49, 51, 59

Chapter 6 Review, 2<sup>nd</sup> part of text, page 350: 1, 2, 11, 13, 17, 45, 47, 67

**There is a department practice final found on the web page. Print this document. It will be an integral part of classroom review during the week of December 7<sup>th</sup>.**

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

- 6) **There are some previous midterm exams (exams 1, 2, or 3) 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 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. Everyone has an assigned row/seat in Elliott Hall of Music. 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 40 points (20% of possible points) will be applied.
- 9) The course coordinator (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. A diagram of seating on the main floor of Elliott Hall of Music will be on the course web page. Assigned seats will be given via an index card during a class and/or sent as an attachment to an email message to the class. (FERPA rules apply. Do not share this seating chart outside of the class members.)
- 10) Bring with you the following: pencils, erasers, your TI-30XA or TI-30Xa calculator, and Purdue ID. **Do not bring scratch paper. Only a TI-30XA or TI-30Xa calculator is allowed. No other types of calculators will be allowed during the exam. Turn your cell phone off; or better, do not bring it to the exam. Do not wear hats or tinted glasses (sunglasses).** Book bags, totes, or purses should be closed and on the floor away from the student during the exam.
- 11) Please use the restroom prior to the exam. If you request a break to use the restroom, that time cannot be made-up.
- 12) A student must contact the course coordinator and instructor, 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 legitimate documented reasons.
- 13) Any student who has a direct conflict with our final exam time slot (another final exam scheduled at the same time) or has more than two final exams scheduled on that Wednesday may elect to take an alternate final exam on a different day.

**REMINDER:** No textbooks or notes are allowed on this exam. You must use only a TI-30XA calculator.