Please arrive before 8:40pm. This exam is worth 25% of your final grade, so you do not want to be late starting it.

The exam will cover **Sections 7.1-7.5**. Please review *Course Summary I* and make sure you can do all problem set exercises from these five sections and some other related problems from the textbook. Detailed solutions to a number of such problems are available on the supplementary L02 website (including as part of *Practice Problems*). For review purposes, please also do the 2010 Early Exam available on the supplementary L02 website; being able to deal with logs, exponentials, and fractions will be useful for Midterm I.

**Old exams** are available in the Homework section of the main MAT 127 website and at the top of the supplementary L02 website. They should not be viewed as sample exams, since they cover somewhat different material. For example, the exams from Fall 09 and Fall 10 contain a problem involving second-order ODEs; such a problem will not appear on your exam. A detailed list of problems to be skipped appears on the main MAT 127 website.

While your **HW5** is due on Friday, 03/06, please complete the Section 7.5 portion of this homework (WA #1-3 and 7.5 #18) as practice for the midterm by Sunday, 03/01.

MLC will run a **review session** on Friday, 02/27, 5-7pm, in Harriman 137. I will run a Q&A review session on Sunday, March 1, starting at 2pm in Math P-131. Q&A means that if you have got no questions, I have got no answers and there will be no review session. Note that only the left-most door (ADA access) on the P-level of the Math Bldg is generally open on weekends (the door closest to Math P-131).

I will not have **office hours** on Tuesday, 03/03. They will instead be held on Thursday, 03/05, 9am-noon.
Before Midterm I

A lot of you have at least a rough idea as to what has been happening in the course, but some of you have difficulty implementing this in practice. As it is the latter which is important (and evaluated on the exams), it is essential to be able to do the textbook problems correctly. The only way to do this is to try to do as many of them as possible and at the very least make every effort to do the assigned exercises.

While this midterm will not be easy, do not be surprised if your score on the second midterm ends up being around 15 points lower (a few of you may manage to raise your score by a few points or may drop it by 30-40 points, but 10-15 point drops may be typical). If you do not do well on the first midterm, you’ll have little chance of passing this course; see Table 2 on page 2 in the Additional Course Information handout. So you need to prepare as much as possible for this midterm.

If you have any questions, please come to the office hours of any MAT 127 lecturer, MLC, a Residential Tutoring Center, and/or either of the review sessions.

After Midterm I

If you do not do sufficiently well on the first midterm, you should quickly consider your options:

(1) drop down to MAT 126. This might be the best option, especially if you have not yet received credit for MAT 126. If you have received credit for MAT 126, you will not receive credit again, but you might be more prepared to take MAT 127 in the summer or in the fall.

(2) drop “down” to MAT 132. This is a risky option, but might be better in the long run if it works out. MAT 132 moves faster than MAT 127, but starts earlier. So you’d see most of Chapter 7 again, but then MAT 132 will fly quickly through Chapter 8.

(3) withdraw from MAT 127. You’d receive a W on your transcript and will need a retake permission from Academic Advising to repeat it.

(4) put much more effort into MAT 127 in order to do much better on the second midterm and the final. Depending on how poor your midterm grade is, your schedule outside of MAT 127, and your priorities, this may not necessarily be a realistic option.

The deadline for (1) and (2) is Friday, March 6, 4pm, and for (3) is Friday, April 3, but you should not procrastinate. Of course, it would be best to avoid getting faced with these choices in the first place, so try to get ready for the first midterm as much as possible.

Good luck on Midterm I!