Math 126 End of Week 4 Newsletter

UPCOMING SCHEDULE:
Friday: Section 13.3 (Curvature) and Review
Monday: Review (Bring Questions)
Tuesday: EXAM 1
Wednesday: Section 13.3 (T-N-B Frame)
Thursday: HW Q&A
Next Friday: Section 13.4 (3D Motion – velocity/acceleration)
Exam 1 is Tuesday, February 2nd: It includes 12.1-12.5, 10.1-10.3, 13.1-13.2
There will be four pages of questions. You will have **50 minutes**. Time will be a factor, so make sure you time yourself as you are practicing old exams. Many students have trouble adjusting to the shorter time on the first exam (so consider yourself warned).

HOMEWORK: Closing Next Thursday at 11pm: 13.3 (part 1)

PREVIOUS HOMEWORK STATS:
10.1/13.1:   median score = 100%,   median time browser open to assignment = 125 minutes
10.2/13.2:   median score = 97%,   median time browser open to assignment = 203 minutes
10.3:   median score = 100%,   median time browser open to assignment = 116 minutes

NEW POSTINGS
Remember the course website is here: http://www.math.washington.edu/~aloveles/Math126Winter2016/index.html
There are several new postings:
1. **One Page Reference of Key Formulas you need to understand going into Exam 1**:
http://www.math.washington.edu/~aloveles/Math126Winter2016/sp14m126Exam1FactSheet.pdf
2. **Lecture summaries** (check back for new postings)
http://www.math.washington.edu/~aloveles/Math126Winter2016/lecture.html

OLD EXAMS:
Remember there are many old exams (most with solutions) in the departmental exam archive here:
http://www.math.washington.edu/~m126/midterms/midterm1.php
and in my additional exam archive here:
http://www.math.washington.edu/~aloveles/Math126Winter2015/examarchive.html
(you probably should just ignore the exams marked honors unless you want an extra big challenge).

My previous newsletters, have links to targeted review on various topics. Here is what you must do to prepare for the exam.
1. Reread my recipe for success (handed out the first day of class). Here is the link:
    http://www.math.washington.edu/~aloveles/Math126Winter2016/Recipe%20for%20Sucess.pdf
2. Spend 15-30 minutes, quickly reviewing homework answers. Make notes to yourself to come back and review any particular topic that confused you. My exam questions will all be similar to homework (you don't want to be the student that misses an exam problem that is identical to homework!)
3. Spend 15-30 minutes, quickly flipping through 8-10 old exams. Make notes of questions you don't know how to start. As yourself I you know the first step, then move on to the next question. In this way you can expose yourself to lots of problems and gain confidence and speed.
4. Spend several hours working through random old midterms in detail.
    Also look at review sheets that I have posted and the book for topics that confuse you.
    And look at my old newsletters for targeted practice on various sections of the book.
5. Ask questions in office hours, the MSC, class, CLUE, friends, etc…. for the things you need clarification on.

You should look at more old exams than just these, but this hopefully gives you some targeted practice.
I hope some of this helps.
Dr. Andy Loveless