Math 126 End of Week 6 Newsletter

UPCOMING ASSIGNMENTS
- *Closing Sun*   *(Nov 8ᵗʰ):*   Quiz 2 (Ch. 14) on **Canvas** *(start at least 4 hours before midnight)*
- *Closing Tue*   *(Nov 10ᵗʰ)*:   14.7 HW on **Webassign**
- *Closing Thu*   *(Nov 12ᵗʰ)*:   Exam 3 (on Ch. 14) on **Gradescope** – same rules as exam 1 & 2

UPCOMING SCHEDULE:

Monday:	Live-Stream – Ch. 14 Open Exam Review	**- Watch 14.7(p3) Before**
Tuesday:	Review and HW Discussion	
Wednesday:	*University Holiday* – No Class – No Live-Stream	
Thursday:	**Exam 3 on Ch. 14 on Gradescope**	
Next Friday:	Live-Stream – 15.1 (Double Integrals over rectangular regions)	**- Watch 15.1 Before**

NEW POSTINGS: Here is my [Dr. Loveless Extra Materials Page](#)
1. [My summary of all Calculus I and Calculus III max/min concepts](#)
2. [Summary of key facts of chapter 14](#)
3. [15.1 Lecture Notes](#) and [15.2 Lecture Notes](#) (if you want a preview of things to come which we will start next Friday), the big, big skills in chapter 15 will be describing regions and **integration**. So this will be when you really need to review integration. I'll give a lot of integration review materials at the end of next week and we'll start slow, but I like to give a two week ahead warning that integration is definitely coming, so if you are week on integration then you'll want to read through the review materials I send out at the end of this next week.

OLD EXAMS:
- You should first make sure you know ALL the chapter 14 well.
- Then review my [most recent 2ⁿᵈ exams in my archive](#). Ignore questions that have to do with double-integrals (that is chapter 15), **just focus on the questions that have to do with partial derivatives, tangent planes, and max/min**.
- If you run out of questions to study in my archive, then you can try some from the [department exam 2 archive](#) (again focus on the exams from the most recent years).

In addition, a few years ago I compiled this list of old exam questions by topic so you can study these as well and go directly to these problems if you just want to focus on a certain topic:

For practice with 14.1, 14.3, 14.4 (partial derivatives and tangent planes)
Problem 2 and 3a from: https://sites.math.washington.edu/~aloveles/Math126Fall2020/w16m126e2.pdf
Problem 2a from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr13lovelessExII.pdf
Problem 2a from: http://www.math.washington.edu/~m126/midterms/midterm2/m126aut12lovelessExII.pdf
Problem 1b from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr11lovelessExII.pdf
Problem 2 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr10lovelessExII.pdf

For practice with 14.7 (critical points and max/min)
Local Max/Min:
Problem 4 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14novikExII.pdf
Problem 3 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14taggartExII.pdf
Problem 2b from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr13lovelessExII.pdf
Problem 2 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr11lovelessExII.pdf
Global Max/Min:
Problem 4 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14lovelessExII.pdf
Problem 5 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14perkinsExII.pdf
Problem 4a from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr11lovelessExII.pdf
Applied Max/Min:
Problem 4 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126win14bekyelExII.pdf
Problem 4 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126aut12lovelessExII.pdf
Problem 5 from: http://www.math.washington.edu/~m126/midterms/midterm2/m126spr10lovelessExII.pdf

I hope these newsletters are helpful. Please advertise them to your classmates.   - Dr. Loveless