

Math 126 End of Week 3 Newsletter

UPCOMING ASSIGNMENTS

- *Closing Tues (April 21st):* 13.1, 13.2 on Webassign.
- *Closing Thurs (April 23rd):* 13.3, 13.4 on Webassign.
- *Closing Sun (April 26th):* Reading/Watching Quiz 3 on Canvas (available by Wednesday)

UPCOMING SCHEDULE:

Friday: Live-Stream – 13.2 (derivatives, tangent vectors) – **Watch 13.2 Recorded Lecture Before This Day!**
Monday: Live-Stream – 13.3 (measurements on curves: arc length, curvature, TNB-Frame) – **Watch 13.3 Before**
Tuesday: Test Prep + HW Q & A
Wednesday: Live-Stream – 13.4 (Velocity and Acceleration) – **Watch 13.4 Before.**
Thursday: Test Prep + HW Q & A
Next Friday: Live-Stream – 14.1/3 (Intro to Surfaces) – **Watch 14.1 Before.**

NEW POSTINGS:

1. **13.1 Summary:** <https://sites.math.washington.edu/~aloveles/Math126Spring2020/m12613-1review.pdf>
2. **13.2 Summary:** <https://sites.math.washington.edu/~aloveles/Math126Spring2020/m12613-2review.pdf>
3. **13.3 Summary:** <https://sites.math.washington.edu/~aloveles/Math126Spring2020/m12613-3review.pdf>
4. **13.3/4 Practice:** <https://sites.math.washington.edu/~aloveles/Math126Spring2020/13-3Practice.pdf>
5. **13.4 Summary:** <https://sites.math.washington.edu/~aloveles/Math126Spring2020/m12613-4review.pdf>

OLD EXAMS:

Math Dept. Archive: <https://sites.math.washington.edu/~m126/midterms/midterm1.php>
My Exam Archive: <https://sites.math.washington.edu/~aloveles/Math126Spring2020/examarchive.html>

For practice with 13.1 and 13.2 try:

Problem 5 from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/w16m126e1.pdf>
Problem 4 from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/sp14m126e1.pdf>
Problem 4 from: http://www.math.washington.edu/~m126/midterms/midterm1/mid1_win09_perkins.pdf
Problem 3 from: <http://www.math.washington.edu/~aloveles/Math126Spring2013/Taggartf09e1.pdf>

For practice with 13.3 and 13.4 try:

Problem 4 from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/w15m126e1.pdf>
Problem 1 from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/w16m126e2.pdf>
Problem 1ab from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/w15m126e2.pdf>
Problem 1a from: <https://sites.math.washington.edu/~aloveles/Math126Spring2019/f13m126e2v1.pdf>

You should look at more old exams than just these, but this hopefully gives you some targeted practice.

I hope some of this helps. See the next page for more studying advice.

ADVICE ON USING EXAM ARCHIVES

When I was a student, I always tried to trick myself into thinking the exam is the next day, and tried to always put myself in a real exam situation, keep asking yourself: “Could I really do this on a test?”.

In my mind there are two ways to use an exam archive and I strongly encourage you to do BOTH::

- Problem recognition:** Flip through lots and lots and lots of exams quickly and see if you can figure out how to quickly start each problem. Try to look through 10 exams in 15 minutes and make notes of things that confuse you to come back to later. In this way you get your eyeballs on lots of problems and find commonality in exams and what you need to study more.
- Working out the details:** Carefully work through a few exams in details to practice finishing problems and to practice being careful with your work. Make sure to practice checking final answers and getting to where you know you are correct without looking at solutions.

If you find something helpful in these newsletters, please share it with your classmates.

- Dr. Andy Loveless