

Math 126 End of Week 4 Newsletter

UPCOMING SCHEDULE:

Friday: Section 13.3 and 13.4 (velocity/acceleration)
Monday: Exam Review
Tuesday: Exam 1 in your normal quiz section
Wednesday: Section 13.4 and 10.3 (Polar)
Thursday: Worksheet to introduce polar (print off and bring)
Next Friday: Section 14.1 (Introduction to surfaces)

Exam 1 will be Tuesday, October 23rd

It will cover 12.1 – 12.6 and 13.1-13.3.

- It will NOT cover polar coordinates (that will appear on exam 2).
- It will NOT have tangential and normal components of acceleration from 13.4 (that will appear on exam 2).
- You DO need to remember your trig, precalculus, and calculus facts (yes, you may have to do by-parts or u-substitution, or the product rule, or the quotient rule or the chain rule).
- You are allowed one 8.5 by 11 inch sheet of **handwritten** notes (front and back)
- You are allowed the TI 30x IIs calculator (**this model only!**)

Here is the worksheet for next Thursday:

Worksheet 4: <https://sites.math.washington.edu/~aloveles/Math126Fall2018/sp18ws4.pdf>

HOMEWORK: Closing Thursday: 13.4 Closing the following Tuesday: 10.3

NEW POSTINGS: There are several new postings which should help over the next week:

1. **Polar Overview with two full examples:**

<https://sites.math.washington.edu/~aloveles/Math126Spring2018/Polar%20Coordinates%20Overview.pdf>

2. **Trig Fact Sheet (unit circle):**

<https://sites.math.washington.edu/~aloveles/Math126Spring2018/Trig%20Facts.pdf>

3. **Summary of 13.3, 13.4 and 14.1 (an example of a 14.1 problem is in here):**

<https://sites.math.washington.edu/~aloveles/Math126Spring2018/sp10m126week4review.pdf>

OLD EXAMS:

Remember there are many old exams (most with solutions) in the departmental **exam 2 archive** here:

<http://www.math.washington.edu/~m126/midterms/midterm2.php>

and in my additional exam archive here:

<https://sites.math.washington.edu/~aloveles/Math126Fall2018/examarchive.html>

For practice with 10.3 you might try (again, these will NOT be on exam 1):

Problem 4 from: <http://www.math.washington.edu/~aloveles/Math126Spring2013/sp11m126e1.pdf>

Problem 3 from: <http://www.math.washington.edu/~aloveles/Math126Spring2013/sp10m126e1.pdf>

Problem 1 from: http://www.math.washington.edu/~m126/midterms/midterm1/mid1_win09_perkins.pdf

Problem 4 from: <http://www.math.washington.edu/~aloveles/Math126Spring2013/Taggartf09e1.pdf>

Problem 5 from: <http://www.math.washington.edu/~m126/midterms/midterm1/m126aut10conroyExl.pdf>

I hope some of this helps.

Dr. Andy Loveless