

## Math 126 End of Week 7 Newsletter

### UPCOMING SCHEDULE:

Friday: Section 15.1/15.2 (Double integrals over general regions)  
Monday: NO CLASS - Holiday  
Tuesday: Homework Q&A  
Wednesday: Section 15.3 (Double Integrals over polar regions)  
Thursday: Homework Q&A  
Next Friday: Section 15.4 (More practice with double integrals)

**HOMEWORK:** Closing Tues: 15.1      Closing Wed: 15.2      Closing Fri: 15.3

**NEW POSTINGS:** See here: <https://sites.math.washington.edu/~aloveles/Math126Fall2018/index.html>

I posted a lot of extra help with integration last week (check it out on the website if you missed it). Let me highlight a few things again:

1. **15.2 Region Practice:** <https://sites.math.washington.edu/~aloveles/Math126Fall2018/15-2%20Practice.pdf>  
**Solutions:** <https://sites.math.washington.edu/~aloveles/Math126Fall2018/15-2%20Practice%20Solns.pdf>
2. **Reminder of how to integrate powers of sine and cosine:** (you'll need this in the homework in 15.3)  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/IntegratingPowersOfTrig.pdf>
3. **Exam 2 Fact Sheet:** <https://sites.math.washington.edu/~aloveles/Math126Fall2018/m126Exam2Review.pdf>
4. **Exam 2 Review:**  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/Exam%20%20Review%20-%20f18.pdf>

**OLD EXAMS:** See my previous newsletters for targeted review of the previous sections.

For practice with 15.3 (polar)

Problem 3 from: <http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14lovelessExII.pdf>

Problem 4(b) from: <http://www.math.washington.edu/~m126/midterms/midterm2/m126spr14taggartExII.pdf>

Problem 3 from: <http://www.math.washington.edu/~m126/midterms/midterm2/m126aut13lovelessExII.pdf>

Problem 4(b) from: <http://www.math.washington.edu/~m126/midterms/midterm2/m126spr11lovelessExII.pdf>

Problem 4 from: <http://www.math.washington.edu/~m126/midterms/midterm2/m126spr10lovelessExII.pdf>

For practice with 15.4 (center of mass)

Problem 3: <https://sites.math.washington.edu/~aloveles/Math126Spring2018/sp13m126e2honors.pdf>

I hope some of this helps.

Dr. Andy Loveless