

Math 125 End of Week 8 Newsletter

UPCOMING SCHEDULE:

Friday: Section 8.3 (Center of Mass)
Monday: Section 9.1 (Intro to Differential Equations)
Tuesday: HW Q & A
Wednesday: Section 9.3 (Separable Equations)
Thursday: Worksheet 9 – Forensic Math (using differential equations on a crime scene):
<http://www.math.washington.edu/~m125/Worksheets/DiffEQ.pdf>
Friday: Section 9.4 (Separable Equations and Applications)

HOMEWORK:

Closing Wednesday at 11:00pm: HW_8 (covers 8.3).
HW_7A: median score = 98%, median time students had browser open to assignment = 93 minutes
HW_7B: median score = 100%, median time students had browser open to assignment = 87 minutes
HW_7C: median score = 100%, median time students had browser open to assignment = 33 minutes

HOMEWORK COMMENTS AND HINTS:

On HW_8: Mostly, this will be a chance to practice integration. We derived the center of mass formulas in class, so you just have to use them.

NEW POSTINGS

Here, again, is the course website: <http://www.math.washington.edu/~aloveles/Math125Spring2016/index.html>
No significant new postings, but do check out my lecture notes (the 8.3 lecture notes contain every formula you need for that section):

1. Lecture Notes:

<http://www.math.washington.edu/~aloveles/Math125Spring2016/lecture.html>

OLD EXAMS:

The math departmental **final exam archive** is here: <http://www.math.washington.edu/~m125/Quizzes/Q10.php>
Here are some targeted practice problems from old exams on the current material:

for practice using Section 8.3 material (Center of Mass):

Problem 8: <http://www.math.washington.edu/~m125/Quizzes/week10/125finalW07.pdf>
Problem 8: <http://www.math.washington.edu/~m125/Quizzes/week10/125finalSp09.pdf>
Problem 8: <http://www.math.washington.edu/~m125/Quizzes/week10/125finalW13.pdf>
Problem 9: <http://www.math.washington.edu/~m125/Quizzes/week10/125finalW06.pdf>

The homework this week is not very long (it is the shortest of the quarter).
Now would be a good time to get a feel for what old finals look like. So peak around the final exam archive.

I hope some of this helps.

Dr. Andy Loveless