

Math 111 End of Week 10 Newsletter

This is your last weekly newsletter! You will get one more major email from me at the end of final's week when I post the final grades. And over the break I'll send you one email with links to materials you might find useful in Math 112. But those are likely the last times I'll bother you. Of course, you are encouraged to still stop by my office or on campus from time-to-time to give me an update on how you are doing and how your courses are going. I like chatting with former students. And I definitely like hearing about things from my courses that you found to be the most helpful (so if you realize in a few months that something from this course has really helped you, then let me know).

An online course evaluation will become visible next week. It is optional, but please, please, please fill out the evaluation when it becomes visible. I want your feedback, put it on the evaluation. Also fill out "rate my professor" or let your friends know to take my class or avoid my class (depending on your opinion of me). The more information you can provide me and future students is very helpful.

Note: There are always three or four students each quarter that giving me the lowest possible rating and give no comments; if you are really unhappy with how I taught, then you are welcome to that opinion, but please tell me why (giving me the worst possible evaluation and giving no comments is not helpful, I want to see your comments so I can improve)

UPCOMING SCHEDULE:

Friday: Section 6.3: Annuities (Future Value)
Monday: Section 6.4, 6.5: Annuities (Present Value) and Loans
Tuesday: HW discussion, review of chapter 6.
Wednesday: Finish Annuities and start Final Exam Review
Tuesday: Final Exam Review
Friday: Final Exam Review

NEXT WEEK HW SCHEDULE:

Closing Tuesday: 6.3, 6.4 (finish 6.3 over the weekend)
Closing Next Thursday: 6.5

WEEK 10 HOMEWORK STATS:

Section 6.1 HW: Median Score = 100%, Median Time Browser Open = 50 minutes
Section 6.2 HW: Median Score = 100%, Median Time Browser Open = 55 minutes

NEW POSTINGS:

I hope you have found my postings useful throughout the quarter. Remember this is all original content that I created (I am not required to do so), and I am only making it because I hope it will help you. Please consider all the materials on my website when you do your online evaluation and give me feedback on whether these materials are helpful or let me know if you have suggestions for how I can deliver them in a different form or different way in the future.

- **Full Summary of Chapter 6:** All the "formulas" you'll need to do all the homework.
<http://www.math.washington.edu/~aloveles/Math111Fall2016/Chapter6Summary.pdf>
- **Flowchart for how to do chapter 6 problems with final review questions and solutions.**
I gave this out in lecture (but my handout didn't have solutions). It includes 17 practice problems from old exams. This is a great way to master the chapter 6 materials (full solutions are included):
<http://www.math.washington.edu/~aloveles/Math111Fall2016/Chapter6FlowChart.pdf>
- **Final Exam Three Page Review**
(1 page for exam 1 materials, 1 page for exam 2 materials, 1 page for next material):
<http://www.math.washington.edu/~aloveles/Math111Fall2016/m111FinalReview.pdf>
- **Final Exam Review Overheads (An copy of an review I did in lecture in the past):**
<http://www.math.washington.edu/~aloveles/Math111Fall2016/Math%20111%20Final%20Exam%20Quick%20Review%20Overheads.pdf>
- **"Real Life" Annuity Examples (directly from Dr. Loveless' life):**
<http://www.math.washington.edu/~aloveles/Math111Fall2016/FinancialExamplesYouWillEncounter.pdf>

OLD POSTINGS:

- **Exam 2 Review:** <http://www.math.washington.edu/~aloveles/Math111Fall2016/Exam2Review.pdf>
- **Exam 1 Review:** <http://www.math.washington.edu/~aloveles/Math111Fall2016/SupplementGraphsReview.pdf>
- **Exam 1 Brief Review:**
<http://www.math.washington.edu/~aloveles/Math111Fall2016/SupplementsMinimalReview.pdf>
- **Exam 1 Visual Reviews:**
TR/TC/VC and MR/MC visual review (When profit is zero and when profit is maximum)
<http://www.math.washington.edu/~aloveles/Math111Fall2016/TR-TC-VC%20and%20MR-MC%20Review%20Quiz.pdf>
TR/TC/VC and AC/AVC visual review (SDP and BEP)
<http://www.math.washington.edu/~aloveles/Math111Fall2016/TC-VC%20and%20AC-AVC%20Review-Quiz.pdf>

Last Activities:

We are going to skip the last two activities so that we can use the remaining quiz sections for exam review. But I did post the activity solutions in case you want to use them for extra practice.

Activity 8 talk about compound interest and makes you think about how to make a fair deal. You can safely skip this, but if you are interested, solutions are here:

<http://www.math.washington.edu/~aloveles/Math111Fall2016/Activity08key.pdf>

Activity 9 gives practice with a bacteria population that is growing (this is identical to compound interest, just in a different setting where t is in hours instead of years, but otherwise it is the same ideas). If these sorts of questions are confusing you, then this would be a good activity to look at. Solutions are here:

<http://www.math.washington.edu/~aloveles/Math111Fall2016/Activity09key.pdf>

OLD EXAMS:

Start to familiarize yourself with the final exams. **The final exam is comprehensive (it covers everything we have done).** Each old final exam in the archive has:

- 2-3 pages on Exam 1 material,
- 2-3 pages on Exam 2 material,
- 2-3 pages on Chapter 6 material.

Our final exam will have a similar format and break down of topics.

Here's the exam archive again (scroll down the page to the final exams):

<http://www.math.washington.edu/~m111/Archives.html>

And here is a suggested program of study:

1. **This weekend work through 3-5 old finals completely on your own.** Do NOT look at the solutions, do NOT look at your notes, do NOT get help from a friend or a tutor. Completely do them on your own in an exam-like situation. Then grade your work (or show it to me or a tutor on Monday). Doing a few *pretests* like this will give you an honest assessment of where you are and what you need to work on.
2. **Monday-Tuesday of next week: Finish last homework assignments.**
3. **Wednesday-Thursdays: Work through 3-5 more old final exams.** When you do these, perhaps focus more on the topics you are struggling with (for example, if your issue is working with graphs, then do all the graph problems from 2-3 old finals, just to focus in on that topic). If there is a particular topic that is really causing you trouble, go back and look at this topic in homework and in review sheets.
4. **Friday of next week: Work through the last couple of old final exams** in the midterm in an exam-like situation. Perhaps that would be a good time to work through my old final (the one labeled Loveless).

Okay, if you find something helpful here, please advertise to your classmates.

And I hope you learned a few things this quarter.

Dr. Andy Loveless