

## Math 126 End of Week 9 Newsletter

### UPCOMING SCHEDULE:

Friday: Taylor Notes 4 (Taylor Series and notation)  
Monday: Taylor Notes 5 (Taylor Series Manipulation)  
Tuesday: HW Q & A  
Wednesday: Taylor Notes 5 and Review  
Thursday: HW Q & A and Final Exam Review  
next Friday: Review for Final

### WS 5 (Final Review) solns:

<https://sites.math.washington.edu/~aloveles/Math126Fall2018/TaylorWorksheetSolutions.pdf>

**HOMEWORK:** Closing Tuesday: TN 3, TN 4                      Closing Thursday: TN 5

### NEW POSTINGS: Last Website Updates -

1. **Summary and Facts sheet of Everything we've don't this quarter:**  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/m126FinalReview.pdf>
2. **Reference sheet for all you need to know for Taylor Polynomials and Series:**  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/TaylorSeriesReviewOverheads.pdf>
3. **Detailed Review of Taylor Notes 1, 2, and 3 (with outlines of how to do every type of problem):**  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/TaylorNotesReview1.pdf>
4. **Detailed Review of Taylor Notes 4, and 5 (with outlines and full example of each type of problem):**  
<https://sites.math.washington.edu/~aloveles/Math126Fall2018/TaylorNotesReview2.pdf>

**OLD EXAMS:** The final exam archive is here: <https://sites.math.washington.edu/~m126/finals/final.php>

### TN 4, 5: Taylor Series Questions:

*Substitution, Combining and Notation:*

Problem 2a from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2014.pdf>

Problem 9a from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2011.pdf>

Problem 9 from: <http://www.math.washington.edu/~m126/finals/m126finalAut2013.pdf>

Problem 8a from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2013.pdf>

Problem 9a from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2012.pdf>

*Interval of Convergence*

Problem 2b from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2014.pdf>

Problem 8c from: <http://www.math.washington.edu/~m126/finals/m126finalWin2011.pdf>

Problem 9b from: <http://www.math.washington.edu/~m126/finals/m126finalWin2012.pdf>

Problem 9c from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2011.pdf>

*Using Taylor Series:*

Problem 8c from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2013.pdf>

Problem 9b from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2012.pdf>

Problem 2 from: <http://www.math.washington.edu/~m126/finals/m126finalAut2010.pdf>

Problem 9b from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2011.pdf>

*Integration:*

Problem 2c from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2014.pdf>

Problem 8b from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2013.pdf>

Problem 9c from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2012.pdf>

Problem 8 from: <http://www.math.washington.edu/~m126/finals/m126finalWin2011.pdf>

Problem 9c from: <http://www.math.washington.edu/~m126/finals/m126finalWin2012.pdf>

Problem 8b from: <http://www.math.washington.edu/~m126/finals/m126finalSpr2011.pdf>

### Here are some more Taylor Polynomial/Series Problems with full solutions posted:

Problem 3, 4, 5: <http://www.math.washington.edu/~aloveles/Math126Winter2007/w07m126e1solns.pdf>

Problem 1, 2, 3: <http://www.math.washington.edu/~conroy/m126-general/exams/mt1Math126Win2006.pdf>

Full solutions: <http://www.math.washington.edu/~conroy/m126-general/exams/mt1SolMath126Win2006.pdf>

I hope some of this helps. - Dr. Andy Loveless