

MA 181 FALL 2011 (Dr. Brunett's class)

DATE	ACTIVITIES
12.09.2011	Reviewed for final exam. Check email for a complete list of corrections to the final exam review sheet. Problems: 21, 3, 5, 8, 27C have corrections in the problems or the answer.
12.07.2011	Reviewed misc. questions from problems 9 – 15 on the final exam review sheet. See corrections to problems 3, 5, and 8 on my final exam review sheet (a new pdf is posted). From the dept. review sheet, you may omit 12, 15, 18, 27
12.05.2011	Check email for a list of problems. From the final exam review sheet, complete problems 9 – 22 for Wednesday's class.
12.01.2011	Completed parts 1 & 2 of the outline for section 5.4 and part 4 of the outline for section 5.2. We will complete the outline for section 5.4 and worksheet for 5.4 on Monday. For Monday's class Complete homework through section 5.3. From section 5.4: 1, 3, 5, 7, 11, 13. From the review sheet: 1 – 8. Please attempt all 8 problems and take some time to note what problems you have. I want to go over portion of the review sheet each day next week. I want us all on the same page each day – so keep up with the plan.
11.30.2011	Completed parts 4 – 11 of the outline for section 5.3. Completed worksheet 5.3B. Quiz on Friday on Section 5.3. Work problems Page 363: #1, 3, 7 and page 364: 43, 45.
11.28.2011	Completed parts 1 – 3 of the outline and worksheet A for section 5.3. See email for the solutions to the remainder of the worksheet 5.3 A. Plan to complete the outline for section 5.3 and worksheet 5.3 B on Wednesday. We will also go over the notation and solution for part 4 on the outline for section 5.2. Plan for a quiz on section 5.2 and 5.3 on Friday. You should be able to do this homework to be ready for the quiz: Homework: Section 5.2: 5, 7, 21, 31, 33, 37, 41, 43. Section 5.3: 1 – 17 odd.
11.21.2011	Completed parts 1,2, 3, and 6 of the outline for section 5.2. Completed parts 1, 2 A, B of the outline for section 5.2. For homework section 5.2 complete 1, 5, 7, 21, 31, 41, 43.
11.18.2011	Completed part 6 of the outline for section 4.8. Completed the outline and worksheet for section 5.1.
11.16.2011	Completed parts 1 – 5 of the outline for section 4.8. Completed the worksheet for section 4.8. No quiz on Friday.
11.14.2011	Test #3
11.11.2011	Review for Test #1. Check your email for a correction to #16 on the review sheet.
11.09.2011	Completed several worksheets. See worksheet 4.3 B to prepare for Friday's quiz. Check your email for the solutions to this worksheet. Friday's class will be a review day. Have your questions ready from the test review sheet. From section 4.6, you should work #5, 9, 11. If you want to work more try: #6, 10, 14. The

	math/Science Center has a solution manual so you can check your answers. There are a couple max/min problems on the test review sheet.
11.07.2011	Completed problems 2 & 3 form the outline for section 4.6. Completed the worksheet for section 4.6. See email for solutions to outline 4.6 # 1 and an extra problem that was mentioned in class today.
11.04.2011	Quiz. Outline to section 4.5 parts 8 – 10 and classwork #1. Students should complete the homework for section 4.3 & 4.4, worksheet 4.3 B and classwork #2 from the outline for section 4.3. Worksheet 4.3 B is a priority. We will go over this worksheet first in class on Monday. I will email the solutions to the outline for section 4.3 so that you can check your work on classwork #2.
11.02.2011	Went over practice worksheet for quiz 9. Completed parts 1 – 7 of the outline for section 4.3. Completed worksheet A for section 4.3. Quiz Friday!!
10.31.2011	Completed the outline and worksheet for section 4.2. We are skipping section 4.1 for now. Distributed a practice quiz for Friday's quiz on sections 3.8 & 3.9. We will go over this practice quiz and section 4.3 on Wednesday.
10.28.2011	Quiz 8. Completed the worksheet for section 3.9 and part 8 of the outline for section 3.9. Worked problem #36 on page 246.
10.26.2011	Warm-up problem: Find $y'$ for $y = (\tan x)^{(x + 5)}$ . Example: page 238: #18. Notes on how to answer questions about a function and the behavior of an object when viewing the derivative (velocity) function. Completed parts 1 – 6 of the outline for section 3.9. I did not answer part 5: $C(110) \sim L(110) = 990 + 0.1(110 - 100) = \$991$ . Quiz Friday on section 3.7. From text you should be able to do these problems: page 226: 4, 8, 11, 13, 21, 37, 38.
10.24.2011	Completed parts 1 – 7 of the outline for section 3.8. Completed parts A, B, and G of the worksheet for section 3.8. Check email for the solutions to the worksheet for section 3.8 and a 2 <sup>nd</sup> worksheet for section 3.8.
10.21.2011	Returned test #2. The grade report reflects your midterm grade. Completed parts 4, 6, 7, and 8 of the outline for section 3.7 and parts 1, 2, 3, 5D of the worksheet for section 3.7. Please remember to take advantage of the Math Modules, homework assignments, and extra review problem that can be found at the end of each chapter to get adequate practice on each concept. Take advantage of the college resources: tutors in Math/Science Center, my office hours, and email me questions (I might be able to help via email). You want to be sure you understand the process and then practice it until you could do it in your sleep.
10.19.2011	Test #2
10.17.2011	Review for test #2: (You may omit #7, 13 – but work problems listed in #1) Review sheet corrections: (to answers) 10. $-\frac{1}{2}$

	<p>11 D. <math>q'(x) = \sec x \tan x \arccos(3x) - \frac{3 \sec x}{\sqrt{1 - 9x^2}}</math></p> <p>14. <math>(2, \frac{1}{4}), (-2, -\frac{1}{4})</math></p> <p>16. 66 bacteria per hour</p> <p>For the textbook problem #57. The solution manual uses the table and estimates the value of <math>f'(0.1)</math> and <math>g'(0.5)</math> using the average of the slopes of the nearest two secant lines. That is more work than I want you to do on the test. Try page 205: #51.</p>
10.14.2011	Reviewed problems from section 3.5. Quiz on section 3.5. Reviewed log properties and the log derivative rules. Students should complete the test review before Monday!!
10.12.2011	Completed outline and worksheet for section 3.6. Quiz on Friday section 3.5.
10.10.2011	Quiz #6. Completed the outline and worksheet for section 3.5. Quiz Friday on section 3.5. Homework: page: 214: 1 – 25 odd.
10.07.2011	Completed parts 3, 5, 6 of the outline for section 3.4 and the entire worksheet for section 3.4. The solutions to the worksheet for 3.4 are available via email. There will be a quiz on Monday, October 10 <sup>th</sup> . The quiz will cover section 3.1 & 3.2 focusing on the power rule, exponential rule, and the quotient rule. Additional practice worksheets will be sent via email by Saturday.
10.05.2011	Completed the outline and worksheet for section 3.4. Completed parts 1, 2, and 4 of the outline for section 3.5. Quiz on Friday: Section 3.1 & 2.3 (product rule).
10.03.2011	Completed the outline and both worksheets for sections 3.2. Solutions were sent via email.
09.30.2011	Quiz #4. Completed parts 8 & 9 from 3.1 worksheet and completed worksheet 2.8 C.
09.28.2011	Completed extra worksheet for section 2.7/2.8. This sheet was distributed in class and sent via email on Monday. Completed worksheet 2.8 B, the outline for section 3.1, and parts 1 – 7 of the worksheet for section 3.1. There is a quiz on Friday on sections 2.7 & 2.8. The extra worksheet given today is similar to the quiz.
09.26.2011	Returned test #1. Completed the outline and worksheets A and D for section 2.8. Quiz on Friday: page 155 – 156: 3, 35, 37; page 162 – 163: 1, 3, 5, 7, 15, 31
09.23.2011	Test #1
09.21.2011	Completed extra worksheet for section 2.4 & 2.5. Reviewed for test #1.
09.19.2011	Completed the outline for section 2.7. Completed both worksheets for section 2.7. Students should complete the homework for section 2.7, test review (posted on web page), and the worksheet sent via email for class on Wednesday. Wednesday will be reserved for review. Test #1 is on Friday!!

09.16.2011	Completed parts 7-9 of the outline for section 2.6 and parts 3 – 4 of worksheet 2.5 B. Look for an extra practice worksheet to be available this weekend. The following assignment should be fairly easy to do. If not, ask about the problem in class on Monday. 2.6 HW: page 142 – 144: 3, 5, 7, 11, 17, 19, 21, 27, 31, 33, 35, 43, 45.
09.14.2011	Completed parts 1 – 6 of the outline for section 2.6 and part 1 of worksheet 2.6 A. Solutions presented for extra practice worksheet (see email). Quiz Friday on sections 2.4 & 2.5. From textbook do pages 121 – 122: 3, 11, 13, 15, 17, 25, 31, 33 and pages 133 – 134: 5, 15, 17, 19, 23, 25, 27, 35, 39, 41.
09.12.2011	Completed part 10 of the outline for section 2.5. Completed parts F – H of worksheet 2.5 B. Check email for two announcements.
09.09.2011	Completed parts 1 – 8 of the outline for section 2.5 and parts A – E of worksheet 2.5 B. For HW try page 132 – 134: 1, 3, 5, 11, 13, 15, 23, 25, 37, 39, 41, 43 a, b, 45.
09.07.2011	Completed the outline and worksheet for section 2.4. Quiz Friday, see note on 09.02.2011 for quiz content.
09.05.2011	No class – college holiday
09.02.2011	Quiz #1 Completed parts 1 – 6 of the outline for section 2.3. Completed parts 1 – 4 of the worksheet for section 2.3. Next quiz on Friday, September 9 <sup>th</sup> . Be able to find the limit as $x$ approaches a given number of a given function using the graph, table or a program. See outline 2.3: 5B, 6 for sample problems. Be able to compute limits of combinations of functions using the limit laws and/or one-sided limits. See worksheet 2.3 parts 1 – 4 for samples.
08.31.2011	Completed the outline and worksheets A & B for section 2.2. Complete homework for section 2.2 and read over section 2.3. Quiz on Friday – be able to determine limits from a graph (see 2.2 worksheets A & B).
08.29.2011	Welcome to MA 181!! (See first day list on webpage) Completed 1 <sup>st</sup> day reading a graph, outline for section 2.1, and page 94 #8. Get Calculator and visit MSC to get programs!! Do Homework!!