

Math 171 Day by Day Schedule

Day	ANN:	Activities/Notes	Worksheets & Comments
1	upcoming MML due next week (LOTS!) ANN: Exam 1 (Ch 2)	syllabus (<i>very little</i>), MRC, intro, stlmath demo Start 2.1 Notes (The Idea of Limits)	Chapter O Homework in MML will go over MML interface; Sections 1.1-1.3 in MML will review functions Handouts: Greek letters, Manga Guide to Calculus
2	upcoming MML due next week ANN: No school Labor Day, Sep. 1	Finish 2.1 Notes Start 2.2 Notes (Definitions of Limits)	
3	upcoming MML due next week and today Do <i>not</i> use Messages in Blackboard; email me at soleary@lc.edu	Finish 2.2 Notes Start 2.3 Notes (Techniques for Computing Limits)	
4	upcoming MML due and some may already be past due; When we finish a set of notes, expect the MML to be due next week (1st class day, midnight). I do <i>not</i> announce individual due dates.	Continue 2.3 Notes	Handouts: Limits Cheat Sheet, Trig Cheat Sheet
5	late policy When we finish a set of notes, expect the MML to be due next week (1st class day, midnight). I do <i>not</i> announce individual due dates.	Finish 2.3 Notes Start 2.4 Notes (Infinite Limits)	Worksheet: Have you reached your limit?

6		Finish 2.4 Notes	
7		Start 2.5 Notes (Limits at Infinity)	2.5 wrksht: Limits as x approaches infinity
8		Continue 2.5 Notes	
9	upcoming Exam 1 (Ch 2) – Can use note sheet, calculator; curtailed due dates	Finish 2.5 Notes	
10	late policy upcoming Exam 1 (Ch 2) – Can use note sheet, calculator; curtailed due dates	Start 2.6 Notes (Continuity)	
11	upcoming Exam 1 (Ch 2) – Can use note sheet, calculator; curtailed due dates	Continue 2.6 Notes	
12	upcoming Exam 1 (Ch 2) – Can use note sheet, calculator; curtailed due dates ANN: Some MML Due Dates Curtailed	Finish 2.6 Notes	
13	ANN: Ch 3 Skills Check Due tonight	Exam 1 (Chapter 2) Can use note sheet, calculator	

14	ANN: Exam 2 (Ch 3)	Start 3.1 Notes (Introducing the Derivative)	
15		Finish 3.1 Notes Start 3.2 Notes (The Derivative as a Function)	
16		Finish 3.2 Notes	3.2 wrksht: Differentiability and continuity
17		Start 3.3 Notes (Rules of Differentiation)	3.3 handout: Differentiation Rules Worksheet
18		Finish 3.3 Notes Start 3.4 Notes (The Product and Quotient Rules)	
19		Finish 3.4 Notes	3.4 wrksht: Product and quotient rules
20	late policy ANN: Remember trig handout from beginning.	Cover 3.5 Notes (Derivatives of Trigonometric Functions)	

21		Start 3.6 Notes (Derivatives as Rates of Change)	
22		Finish 3.6 Notes	
23		Start 3.7 Notes (The Chain Rule)	
24		Finish 3.7 Notes	
25	upcoming Exam 2 (Ch 3) – Can use note sheet, calculator; curtailed due dates	Start 3.8 Notes (Implicit Differentiation)	
26	upcoming Exam 2 (Ch 3) – Can use note sheet, calculator; curtailed due dates	Finish 3.8 Notes	
27	upcoming Exam 2 (Ch 3) – Can use note sheet, calculator; curtailed due dates	Start 3.9 Notes (Related Rates)	

28	late policy; upcoming Exam 2 (Ch 3) – Can use note sheet, calculator; curtailed due dates ANN: Some MML Due Dates Curtailed	Finish 3.9 Notes	
29	ANN: Ch 4 Skills Check Due tonight	Exam 2 (Chapter 3) Can use note sheet, calculator	
30	ANN: Exam 3 (Ch 4)	Start 4.1 Notes (Maxima and Minima)	
31		Finish 4.1 Notes	
32		Start 4.2 Notes (Mean Value Theorem)	
33		Finish 4.2 Notes	
34		Start 4.3 Notes (The First and Second Derivative Tests)	

35		Continue 4.3 Notes	
36	ANN: Time to buckle down and give more time to class; going to get harder	Finish 4.3 Notes	
37		Start 4.4 Notes (Graphing Functions)	
38		Finish 4.4 Notes Start 4.5 Notes (Optimization Problems)	
39		Continue 4.5 Notes	
40		Finish 4.5 Notes	
41		Start 4.6 Notes (Linear Approximation and Differentials)	
42		Finish 4.6 Notes	

43	ANN: No school Veterans' Day, Nov. 11	Start 4.7 Notes (L'Hôpital's Rule)	
44		Continue 4.7 Notes	
45		Finish 4.7 Notes	
46		Start 4.8 Notes (Newton's Method)	
47	upcoming exam 3 (Ch 4) – Can use note sheet, calculator; curtailed due dates	Finish 4.8 Notes	
48	upcoming exam 3 (Ch 4) – Can use note sheet, calculator; curtailed due dates	Start 4.9 Notes (Antiderivatives)	
49	late policy upcoming exam 3 (Ch 4) – Can use note sheet, calculator; curtailed due dates	Continue 4.9 Notes	

50	upcoming exam 3 (Ch 4) – Can use note sheet, calculator; curtailed due dates ANN: Nov 26-28 Thanksgiving break ANN: Some MML Due Dates Curtailed	Finish 4.9 Notes	
51	ANN: Ch 5 Skills Check Due tonight	Exam 3 (Chapter 4) Can use note sheet, calculator	
52	ANN: Exam 4 (Ch. 5)	Start 5.1 Notes (Approximating Areas under Curves)	Worksheet: Riemann Sums: Do together in class as intro
53		Finish 5.1 Notes	
54	late work for half credit (MML)	Start 5.2 Notes (Definite Integrals)	
55		Continue 5.2 Notes	
56		Finish 5.2 Notes Start 5.3 Notes (Fundamental Theorem of Calculus)	
57		Continue 5.3 Notes	Paul Dawkins Handout: Integrals

58	upcoming exam 4 (Ch 5) – Can use note sheet, calculator; curtailed due dates	Finish 5.3 Notes Start 5.4 Notes (Working with Integrals)	
59	upcoming exam 4 (Ch 5) – Can use note sheet, calculator; curtailed due dates	Finish 5.4 Notes Start 5.5 Notes (Substitution Rule)	5.5 wrksht: Do This u-substitution
60	upcoming exam 4 (Ch 5) – Can use note sheet, calculator; curtailed due dates	Continue 5.5 Notes	
61	upcoming exam 4 (Ch 5) – Can use note sheet, calculator; curtailed due dates ANN: Some MML Due Dates Curtailed	Finish 5.5 Notes	5.5 wrksht: Understanding u- substitution and limits activity (including Solutions they check)
62		Exam 4 (Chapter 5) Can use note sheet, calculator	
63			
64			