

Math 109: Calculus 1

Fall 2015

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class webpage: bit.ly/109Fall2015
office hours: 10:15 AM–12:15 PM TR in STA 231
textbook: *Calculus, Concepts and Contexts 4E*, by James Stewart

Webwork

You will continue to be assigned Webwork problems. This will still count for 15% of your grade.

Test 1 replacement

On Wednesday, November 4th we will have a quiz on the material from Chapter 2 to replace the first exam. This will count for 10% of your grade; however, to account for the work you already put in on the first exam, you will receive 9% of the 10% automatically. Said differently, the worst score you can get for the first exam is a 90%; the remaining 10% will be decided by this quiz. On the original syllabus, the first exam was worth 15%, the remaining 5% has been moved to the final which will include material from Chapter 2. On the off chance that we get ahold of your graded exams, we will use the better of your two scores.

Worksheet replacement

Worksheets will be replaced by Friday quizzes. For your past effort on the worksheets, you will automatically receive 5%. The quizzes will count for the remaining 10%.

Exams

There will be in-class exams on Friday, November 13th and Wednesday, December 2nd. In addition, there will be a final exam during finals week (at the same time and place as currently scheduled). Since you can use your textbook as well as any other written material, no memorization is required; however, these exams occur in a finite time period, so rapid recall of facts will serve you well.

Computing devices

You may use a calculator on exams and quizzes, but it is unlikely that it will help you. No devices that are capable of wireless communication.

Graded work breakdown (you have already earned points in blue)

what	%	when
past attendance/worksheets	5	
webwork	15	weekly
quizzes	10	weekly on Fridays
chapter 2 quiz	1 + 9	Friday, October 30 th
in-class exam #2	15	Friday, November 13 th
in-class exam #3	15	Wednesday, December 2 nd
final exam	30	TBA, in finals week

Help

If you need help or just want to know more about something, please come to my scheduled office hours or set up another time to meet. In addition to my office hours, there are several undergraduate mathematics teaching assistants who hold regular hours (schedule on the webpage).

Tentative Schedule

MONDAY		WEDNESDAY		FRIDAY	
Oct 26th	1	28th	2	30th	3
		3.3 and Appendix C, derivatives of trig functions		3.4 chain rule	
Nov 2nd	4	4th	5	6th	6
3.5 implicit differentiation		chapter 2 quiz		1.6, 3.6 derivatives of inverse trig functions	
9th	7	11th	8	13th	9
3.7 derivatives of logarithms		exam #2 review		in-class exam #2	
16th	10	18th	11	20th	12
4.2, 4.3 max and min values		4.2, 4.3 max and min values		4.6 optimization	
23rd	13	25th		27th	
4.8 antiderivatives		Thanksgiving		Thanksgiving	
30th	14	Dec 2nd	15	4th	16
exam #3 review		in-class exam #3		5.1 areas and distances	
7th	17	9th	18	11th	19
5.2 definite integrals		5.3 evaluating definite integrals		final exam review	
14th		16th		18th	
Reading Day		Exam Week		Exam Week	