

Math 109: Calculus 1

Fall 2015

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class webpage: bit.ly/109Fall2015
office hours: TBA 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.

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