

Math 141: College Calculus 1

Overview

Instructors

Lecturer: Mark Sullivan

Office: Mathematics building 136

Office hours: Mon, Tue, Wed and Thu, 10:30 AM-12:00 PM

E-mail: marksull@buffalo.edu

Teaching assistant: Yuan Liu

Office: Mathematics building 140

Office hours: Fri, 9:30 AM-10:30 AM

E-mail: yuanliu@buffalo.edu

Meeting times

Lectures: Mondays, Tuesdays, Wednesdays and Thursdays from 8:40 AM to 10:30 AM in NSC 216

Recitation: Mondays, Tuesdays, Wednesdays and Thursdays from 8:00 AM to 8:30 AM in NSC 216

Textbook

J. Stewart, Calculus, Early Transcendentals, Math 141, 142 8th custom UB edition

Course description

This is the first part of a 3-semester sequence in calculus for students of mathematics, natural sciences and engineering. MTH 141 covers Chapters 2-5 of the text, which includes material on limits, computation and applications of derivatives, and integrals.

Assignments and grades

Homework will be assigned frequently throughout the course, but the homework assignments themselves will not be graded.

Quizzes will frequently be given in recitation. These quizzes will consist of problems taken directly from the homework. Quizzes will account for 30% of your final grade.

There will be **four tests** throughout the term. The tests will also consist of problems taken directly from the homework. These tests will not be cumulative; no question that could have been asked on Test 1 will appear on Test 2, no question that could have been asked on Tests 1 or 2 will appear on Test 3, and no question that could have been asked on Tests 1, 2 or 3 will appear on Test 4. Your lowest test will account for 10% of your final grade. Each of the other tests will account for 20% of your final grade.

To summarize:

Quizzes:	30%
Your lowest test:	10%
The other tests:	60%

Tentative schedule

The following is a *tentative* schedule of topics to be discussed in each class. This schedule is subject to change, depending on how quickly we are able to move through the material.

	Monday	Tuesday	Wednesday	Thursday
1		2.2, 2.3	2.5, 2.6	2.7, 2.8
2	Review	Test 1	3.1, 3.2	3.3, 3.4
3	3.5, 3.6	Review	Test 2	4.2, 4.1
4	4.3, 4.4	4.7	Review	Test 3
5	5.1, 5.2	5.3, 4.9	5.4, 5.5	Review
6	Test 4	TBA		TBA

(Shading indicates that either a quiz or a test is planned for the day in question.)