

Math 142: College Calculus II

Instructors

Lecturer: Mark Sullivan

Office: Mathematics building 136

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

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Course website

buffalo.edu/~marksull/math142JJ_Summer2019/index.html

Meeting times

Lectures: Mondays, Tuesdays, Wednesdays and Thursdays from 8:40 AM to 10:30 AM in NSC 222

Recitation: Mondays, Tuesdays, Wednesdays and Thursdays from 8:00 AM to 8:30 AM in NSC 222

Textbook

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

Course description

This is the second part of a 3-semester sequence in calculus for students of mathematics, natural sciences and engineering. MTH 142 covers Chapters 6-8 and 10-11 of the text, which include material on techniques of integration, applications

of integration, parametric equations and polar coordinates, and infinite sequences and series.

Assignments and grades

Homework will be assigned frequently throughout the course, but the homework assignments themselves will not be graded. For each section, there will be exactly five problems assigned.

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		Review, 7.1	7.2, 7.3	7.4
2	7.5, 7.8	Review	Test 1	6.1, 6.2
3	6.3, 6.5	8.1, 8.2	Review	Test 2
4	10.1, 10.2	10.3, 10.4	Review	Test 3
5	11.1, 11.2	11.3, 11.4	11.5, 11.6	11.7, 11.8
6	11.9, 11.10	Review	Test 4	

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