
Emory University
MATH 211
Multivariable Calculus
Fall 2022

Instructor: Andrew J. Kobin
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Class location: Math & Science Center N304
Class meeting time: TTh 2:30PM - 3:45PM
Office Hours: TBD

The following are some course guidelines. They should serve as an outline of my expectations for you as a student, and of what you can expect from me as an instructor.

Prerequisites: MATH 112 or MATH 112Z

Course Description: This course will introduce students to the main concepts in multivariable calculus, including: vectors, multivariable functions, partial derivatives, optimization, multiple integration, vector and scalar fields, Green's and Stokes' theorems and the divergence theorem.

Textbook: *Multivariable Calculus*, 8th ed., by James Stewart.

Assessments

Homework: You will be asked to turn in written solutions to homework problems approximately every other week. This will be my primary tool for evaluating your ability to write a complete solution to a mathematical problem.

Quizzes: Approximately every other week, except for midterm weeks, you will take a short (10-15 minute) quiz on the material since the last quiz. Quizzes are closed notes and closed book. No makeup quizzes will be granted, but your lowest quiz score will automatically be dropped.

Discussion Forum: It's likely that you will have questions as you review your notes and complete homework assignments. Those that occur to you will likely also occur to other students. You should raise these questions at the course Discussion Forum, accessed through Canvas. Your activity on the forum can lead to up to fifteen extra credit points towards your Quizzes grade.

Reflections: Each week, you will identify what course material needs to be revisited through weekly submissions of course-related reflections. Responses are to be submitted through Canvas after class each Thursday and before 5PM on Friday. For each thoughtful reflection statement you submit, you will earn two extra credit points towards your Quizzes grade.

Midterms Exams: There will be two midterm exams given during class, on **October 6** and **November 17**. You will be given the full class period (75 minutes) to take each midterm. Any conflicts with the midterm dates must be reported to me at least one week before the midterm date. No makeup exams will be given.

Final Exam: The final exam will be given during finals week on **Wednesday, December 14, from 6:30 to 9:00PM**. The final exam is comprehensive. Conflicts with the final exam time slot must be reported through the Office for Undergraduate Education (OUE).

Course Grade: The course grade will be determined as follows:

Homework:	15 points
Quizzes:	15 points
Midterm 1:	20 points
Midterm 2:	20 points
Final Project:	30 points
	<u>100 points possible</u>

The number of points you earn will be mapped to a letter grade as follows:

A+: [98, 100]	A: [93, 98)	A-: [90, 93)	B+: [87, 90)	B: [83, 87)	B-: [80, 83)
C+: [77, 80)	C: [73, 77)	C-: [70, 73)	D+: [67, 70)	D: [63, 67)	D-: [60, 63)

In borderline cases, your letter grade may be higher—the one assigned to the interval immediately above the one your point total lies in.

Policies

Attendance and classroom etiquette: My philosophy is that a college student is primarily responsible for their own academic success. Accordingly, regular attendance and participation will be expected but not recorded. That being said, consistent absence will be a detriment to your ability to keep up with the coursework. Please come to class on time, minimize distractions, and stay for the entire class period. Because of the special circumstances surrounding the COVID-19 situation, it is especially important that you focus on your learning experience as well as that of your classmates.

COVID-19 policies: In accordance with the University's COVID-19 policies, masks are optional in indoor learning spaces. Any changes to the University's policies during the semester will be followed as they are implemented.

Learning needs: As an Emory instructor, I am committed to creating a learning environment that meets the needs of the University's diverse student body. If you anticipate or experience any barriers to learning in this course, please feel welcome to discuss your concerns with me. If you have a disability, or think you may have a disability, you may also contact the Department of Accessibility Services (DAS), to request an official accommodation. You can find more information about DAS, including how to apply online, through their website at <https://accessibility.emory.edu/>. If you have any questions about eligibility for DAS accommodation, please don't hesitate to ask me!

Honor code: The Honor Code will be strictly observed in this class. Please remember to pledge each quiz and exam.

Important Dates:

Classes start	Wednesday, August 24th
Last day to add/drop/swap a course	Wednesday, September 7th
Midterm 1	Thursday, October 6th
Last day to withdraw from a course	Wednesday, October 12th
Midterm 2	Thursday, November 17th
Last day of classes	Tuesday, December 6th