MATH 211: Multivariable Calculus (Section 005)

Instructor, Classroom, and Office Hours

Instructor: Jeremy Jacobson  
Instructor’s email: jeremy.a.jacobson@emory.edu  
Office: MSC E431  
Instructor’s Office Hours: TuThF 2:00pm – 3:30pm  
If you cannot make it to my office hours, please email me to arrange another time.  
Office Phone: 404-727-5641  
Classroom and time: MSC N306, MW 2:30pm-3:45pm  
Course webpage: http://www.mathcs.emory.edu/~jajaco3/teaching/m211

Prerequisites, Topics, and Textbook

Prerequisites: Math 111 and 112.  
Topics: Vectors and 3-space; dot and cross product of vectors; differentiating and integrating functions of several variables; optimization; vector fields; line integrals; fundamental theorem of line integrals; Green’s theorem; divergence and curl of vector fields.  

Homework and Exams

There will be biweekly homework assignments. There will be two exams that will take place in class and a comprehensive final exam. Calculators will not be needed nor permitted during exams.

Important Dates

The comprehensive final exam must be taken on the date below. Check your calendar. If the final exam schedule results in three final exams on one day, bring this matter to the attention of your academic dean who can assist you further.  
Exam 1: Oct. 7th (Wed),  
Exam 2: Nov. 23rd (Mon),  
Last day of class: Dec. 7th (Mon)  
Final exam: December 16th (Wed) 8am-10:30am
Grading

The grading weights are 10% homework, 30% first exam, 30% second exam, 30% final. The grading scale is described below. Borderline cases may not to be rounded up.

A ≥ 93,
A- ≥ 90,
B+ ≥ 87,
B ≥ 83,
B- ≥ 80,
C+ ≥ 77,
C ≥ 73,
C- ≥ 70,
D+ ≥ 67,
D ≥ 60

Course Policies

Exam attendance
If you have a schedule conflict with any exam come talk to me about it as soon as possible. If you are unable to attend either of the midterm exams for a reason that will be approved by the math department (for instance, you have documentation in the form of a doctor’s slip, or letter from your coach, etc.), then bring the documentation to me as soon as possible, and once approved, a makeup exam will be given. The midterm exams and final are subject to the rules described in the section Incompletes and absences at: http://college.emory.edu/home/academic/policy/incomplete_absence.html

The Honor Code
The Emory College Honor Code applies to all work in this class. For details see: http://college.emory.edu/home/academic/policy/honor_code.html

Students with disabilities
All information shared with me regarding your identity, disability and accommodations is confidential. Please contact me as soon as possible so that I can provide the approved accommodations outlined on the Accommodation Notification Letter. I am happy to consult with ADSR in providing additional accommodations.

Closing remarks

Multivariable calculus opens a door to fascinating new ideas and techniques in mathematics, the sciences, economics, finance, and more. I am very happy to be your teacher and I wish you all a wonderful semester!