

<b>Instructor:</b>	Jon Fickenscher	<b>Time:</b>	MWF 1:00-3:00 pm
<b>Office:</b>	HB 48	<b>Classroom:</b>	Brown College 145
<b>Office Hours:</b>	MTWThF 3:00-4:00pm	<b>Email:</b>	<a href="mailto:jonfick@rice.edu">jonfick@rice.edu</a>
<b>Phone:</b>	x2786	<b>Website:</b>	math.rice.edu/~jmf1

**Text:** *Vector Calculus 5<sup>th</sup> Edition* by Marsden & Tromba

**Course Overview:** This course will follow along with the textbook. We shall study how notions from single variable calculus apply to functions of more than one variable. Such notions include limits, continuity, derivatives and integration. Our goal is to cover theorems by Green, Stokes, and Gauss and how they are applied.

**Attendance:** Since this is a summer course, students are expected to attend almost every class. It is the student's responsibility to inform the instructor of any planned absences and to catch up on missed material.

**Grades:** The final grades shall be calculated as follows:

<b>Homework</b>	15%
<b>Midterm 1</b>	25%
<b>Midterm 2</b>	25%
<b>Final Exam</b>	35%

**Homework:** Homework assignments and due dates will be given in class and posted on the schedule. It will not be pledged. Feel free to work together or with your instructor, but write up your own solutions. Late homework will not be accepted, but the two lowest grades will be dropped.

**Exams:** Two exams will be given as take home. They will be pledged, and the dates will be available on the schedule.

**Final Exam:** The final exam will be comprehensive and given within a week of the last day of class (July 18<sup>th</sup>). The date has yet to be determined. Until the date has been decided, do not make plans to leave that week. In accordance with Rice policy, an exam can only be rescheduled in the case of an emergency.

**Disability Support:** It is the policy of Rice University, as well as this instructor, that any student with a disability receive fair and equal treatment in this course. If you have a documented disability that requires academic adjustments or accommodations, please speak with me during the first two weeks of class. All discussions will remain confidential. Students with disabilities will also need to contact Disability Support Services in the Ley Student Center.