Math 2250 - Calculus III - Spring 2023

Professor:	Dr. Marc Ordower
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Web Address:	http://faculty.randolphcollege.edu/mordower
Office hours:	Monday 10:15 - 10:45
	Tuesday 10:15 - 10:45
	Thursday 10:15 - 10:45
	Friday 12:10 - 12:35
	And by appointment

Text: *Calculus, Eighth Edition* by Larson, Hosteler and Edwards

Catalog Description: An introduction to vector calculus. Differential and integral calculus of more than one variable. Vector fields, including Green's, Stokes', and the Divergence Theorems. Hours credit: 3. Prerequisite: Mathematics 150 and 241, or permission of the Department.

Course Objectives: The student will learn to apply the concepts of calculus to functions of more than one variable. This will provide her with the tools she needs to analyze comprehensive models covering a very broad class of real-world phenomena.

Help: I urge you to ask questions in class. In so doing, you will help yourself and your classmates. I also hope to see many of you at office hours over the course of the term. Don't forget that you can make an appointment if you can't make my regularly scheduled office hours.

Web Page: Homework assignments, review sheets, and general course information will be posted on my web site at
http://faculty.randolphcollege.edu/mordower/math250/

Grading: Your grade will be determined according to the following scheme.

Midterm I	Midterm II	Homework	Final Exam
20%	20 %	30%	30%

The dates (tentative) for the midterm exams are as follows:

Midterm Exam I	-	Friday, April 14
Midterm Exam II	-	Friday, May 5

Electronics Policy: During class, you may use the calculator app on your cell phone. You may not use a cell phone for any other purpose unless you have made arrangements with me in advance. Cell phones are not permitted in final exam rooms and must be placed in the wicker basket at the front of the room during midterms, and so you will have to arrange for a dedicated calculator for exams. Laptops and tablets may be used to take notes. All other uses of a laptop or tablet are prohibited.

Homework is an integral part of this course. Assignments may include practice problems and/or pledge problems. I encourage you to work together on practice problems, and you may seek assistance from any source.

Pledge problems must be done alone, but if you are having difficulty with a pledge problem, you may ask me (only me) for help. Only pledge problems will be submitted and graded. Assignments will be collected on the next class day and will be considered late if not submitted by 9 am the following week day. For example, homework assigned on Tuesday will be due on Thursday but can still be submitted without penalty until Friday at 9 am. *You will be penalized for a late assignment.*

Most homework assignments will be completed electronically, but a few may be completed on paper. Paper assignments should be neat, well organized, and multiple pages must be stapled.

Academic Honesty: It goes without saying that you should never pass off someone else's work as yourdvi own. During midterm and final exams, make certain that you don't view any paper besides your own, or allow anyone else to view your work. For homework pledge problems, using someone else's solution (whether that solution is from a classmate, a solution manual, or any other source) is prohibited. Past or current copies of final exams are intended to be confidential. If you find that they are not, please report it to me right away. They should never be photographed, recorded or transmitted in any way.
I encourage you to work and study together. It can be an effective way to learn mathematics. The admonition to work alone covers homework pledge problems and exam problems only. Feel free to discuss any other problems from any other sources. If you are not certain whether or not something is allowed, please ask.

Tentative Schedule:

Week of	Sections
March 20	Background, 11.1, 11.2
March 27	11.3, 11.4, 11.5, 11.5, 11.6, 11.7, 12.1
April 3	12.2, 12.3, 12.4, 12.5, 13.1, 13.2
April 10	13.3, 13.4, 13.5, Midterm I, 13.6, 13.7
April 17	13.8, 13.9, 13.10, 14.1, 14.2
April 24	14.3, 14.4, 14.5, 14.6, 14.7, 14.8
May 1	15.1, 15.2, 15.3, 15.4, 15.5, Midterm II
May 8	15.6, 15.7, 15.8

Accomodations Randolph College is committed to providing learning experiences that are accessible for all students, and will make reasonable accommodations for individuals with documented disabilities. If you have a learning difference or a disability - mental health, medical, or physical impairment - please contact Diane Roy, Coordinator of Access Services, in the Academic Services Center, 4th floor, Lipscomb Library; at (434) 947-8132; or at droy@randolphcollege.edu.

Mandated Reporting: As an instructor, one of my responsibilities is to help create a safe learning environment on our campus. I also have a mandatory reporting responsibility related to my role as a faculty member. It is my goal that you feel able to share information related to your life experiences in classroom discussions, in your written work, and in our one-on-one meetings. I will seek to keep information you share private to the greatest extent possible. However, I am required to share information regarding sexual misconduct or information about a crime that may have occurred on Randolph's campus with the College's Title IX Coordinator, Tamara Kosic. I do this to make sure that you are able to get all the information and support you may need.