Class meets: MW 12:00 - 1:50 in MH 501

Professor: Dr. Tyler McMillen, `tmcmillen@fullerton.edu`, (657)278-8208, MH 182i

Office hours: MW 4:00 - 5:30, or by app.

Text: *Calculus: CSUF Custom 2e*, by J. Stewart. We will cover chapters 10 - 13.

Homework: Homework is a key component of this course. Working through the problems is where you will internalize the concepts you have learned through reading the text and following the lectures. Plan to spend 1-2 hours minimum in study and homework for each hour in class.
Homework will be done through `webassign.net`. The class key for this course is

> fullerton 5199 9136

Exams: There will be four midterm exams and a comprehensive final exam. Calculators will not be allowed in the exams. The exams are scheduled as follows:

Exam 1	Exam 2	Exam 3	Exam 4
Wed, Feb 15	Wed, Mar 15	Wed, Apr 12	Wed, May 10

Final Exam
Wed, May 17, 11:00 - 12:50

Grading: The final grade will be based on the homework and exams, as follows:

Homework	Midterm Exams	Final Exam
15%	15% each	25%

The grades will be distributed according to the following percentages.

Grade	Percentage
A	$85 - 100$
B	$70 - 84$
C	$60 - 69$
D	$50 - 59$
F	< 50

Plus/minus letter grades will be given when appropriate. In borderline cases, I reserve the right to raise any student's semester grade for contributing to our class with a positive attitude, hard work, and active participation.

Important dates:

Feb 6 (Monday):	Last day to ADD with a permit or DROP without a "W".
Feb 20 (Monday):	Presidents' Day - No class
Apr 21 (Friday):	Last day to drop with a "W" with a serious and compelling reason.
Mar 28 - Apr 3 :	Spring Recess (no class)

Course goals and additional comments: This course is concerned with calculus of several variables. You will learn how to apply what you already know about calculus to problems in more than one dimension. This is very useful for us who live in a three dimensional world. Mastery of this material requires developing the ability to think geometrically. You will develop your ability to picture objects in two and three dimensions and describe them mathematically. Moreover, you will learn how to describe the processes of *change* in multiple dimensions. It helps to draw a lot of pictures.

Academic dishonesty: No cheating. Students who violate university standards of academic integrity are subject to disciplinary sanctions, including failure in the course and suspension from the university. Since dishonesty in any form harms the individual, other students and the university, policies on academic integrity are strictly enforced. I expect that you will familiarize yourself with the academic integrity guidelines found in the current student handbook.

Emergency information: In the event of an emergency such as earthquake or fire, take all your personal belongings and leave the classroom. Use the stairways located at the east, west, or center of the building. Go to the lawn area towards Nutwood Avenue, at least 150 feet from the nearest building. Stay with class members for further instruction.

Tentative schedule:

Week	Mon	Wed
Jan 23 - 27	10.1	10.2, 10.3
Jan 30 - Feb 3	10.3, 10.4	10.5, 10.6
Feb 6 - 10	10.7, 10.8	10.8, 10.9
Feb 13 - 17	review	Exam 1
Feb 20 - 24	no class	11.1, 11.2
Feb 27 - Mar 3	11.3, 11.4	11.4, 11.5
Mar 6 - 10	11.6, 11.7	11.7, 11.8
Mar 13 - 17	review	Exam 2
Mar 20 - 24	12.1, 12.2	12.2, 12.3
Mar 27 - 31	spring break	
Apr 3 - 7	12.5, 12.6	12.7, 12.8
Apr 10 - 14	review	Exam 3
Apr 17 - 21	13.1, 13.2	13.2, 13.3
Apr 24 - 28	13.4, 13.5	13.5, 13.6
May 1 - 5	13.7, 13.8	13.8, 13.9
May 8 - 12	review	Exam 4