Calculus of Several Variables, MATH 230/231/232 Section 003, Fall 2011
Instructor: Dr. Joseph Previte
Section 3: MWF 10:10A - 11:00A 117 OBS
T 9:30A - 10:20A 169N Nick

This document and other course information may be found at the class website: http://math.bd.psu.edu/faculty/jprevite/230f11

Prerequisites: Math 141 (Calculus II).

Instructor: Joseph Previte
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Office: 17 Prischak Building
Telephone: 898-6091
Office Hours: MWF 9:00AM- 10:00 AM                           You can make an appointment to see me at other times.

Textbook: Calculus Early Transcendental Functions: 5th Edition by Larson and Edwards, Published by Cengage. ISBN 9780538735506 We will be covering material from Chapters 11-15. The calendar on the course website contains general information regarding daily course content.

Calculators:  A graphing calculator is recommended. However, calculators will not be allowed during testing.

Homework, Quizzes, and Projects: Homework quizzes will be given. Several in-class quizzes will also be given. Students are strongly suggested to do all the recommended problems, as many, but not all, quiz and exam problems will be based off of these. At the beginning of every class (except test days), I will take questions from the previous day's assignment. I urge you to do the assignments as they are given. Assignments may include a MAPLE lab(s) and group projects. At least one of your lowest quiz/assignments will be dropped. All quizzes are announced.

Tests: There will be 3 or 4 full period exams and one cumulative final exam. Test dates will be announced at least 1 week before the test.

Grading: Grades will be calculated as follows (This is for 230 students only, see below for 231/232):

- Exams-- 4 at 15% each (or 3 at 20% each)  60%
- Homework, Projects, & Quizzes  15%
- Final Exam  25%

Grade cutoffs will be as follows:

A: 93, A-: 90, B+: 87, B: 83, B-: 80, C+: 77, C: 70, D: 60

Dishonesty: Academic dishonesty will not be tolerated and typically results in a failing grade for the class. The school's academic integrity code can be found at: http://psbehrend.psu.edu/intranet/faculty-resources/academic-integrity

Conduct in class: You are expected to act appropriately in the classroom. Below are some examples that, depending on their severity or frequency, may inhibit or interfere with normal classroom operation: Cell phone/beeper interruption, direct challenges to instructor authority, eating/drinking in the classroom, arriving late/leaving early, vulgar or offensive behavior, excessive chattering, reading newspaper or other overt inattentiveness, talking out of turn and/or dominating discussion. As per Penn State guidelines, I have the authority to remove a disruptive student from the classroom.

Notes: This is a hard class normally. It starts with fairly easy material (vectors) and ends at some difficult stuff (and it is all cumulative!!). So if you get behind, get help immediately or things will get worse quickly!

MATH 231/2 Notes: MATH 231 ends after Chapter 13, while MATH 232 begins at Chapter 13. The start dates and end dates on the internet are TENTATIVE. The grade breakdowns for 231 and 232 are as follows:

- 33 1/3% HW/Quizzes; 33 1/3% Exams (2-3 Exams); Final Exam 33 1/3%.

The final for MATH 231 will be given the week after Chapter 13 is covered.