MATH 1260-1, AP CALCULUS II, FALL 2009

Classroom: NS 205 **Time:** MTWF 9:40 – 10:30
Instructor: Domingo Toledo
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Office: JWB 324 **Phone:** (801) 581-7824
Office Hours: Mon, Tues 11:50 – 12:40, or by appointment.
Web-page: http://www.math.utah.edu/∼toledo/1260.html
Prerequisite: Math 1250 or score of 4 or 5 in AP BC test.
Textbook: J. Marsden and A. Weinstein, *Calculus III.*

Course Description: This is a course on the calculus of functions of several variables. We will cover most of the topics in the textbook. The main topics will be

> Vectors
> Curves and Surfaces
> Partial Derivatives
> Gradients, Maxima and Minima
> Multiple Integrals
> Vector Analysis

Homework and Quizzes: I will assign homework problems each week. These will not be handed in, but on Wednesday of the following week (starting September 2) I will give a 20 minute quiz on the homework. Working the homework problems is the most important part of the course. Please make sure that you can do all the problems. Feel free to ask questions in class, or to come to my office. You can also go to the Mathematics Tutoring Center for help. On Wednesdays I will not take questions in class on the problems for the quiz that day.

Exams: There will be three midterm exams on Wednesdays September 16, October 21 and November 18, and a comprehensive final exam on Thursday, December 17, 8:00–10:00 AM.

Makeups: Since I drop the lowest 3 quizzes and the lowest midterm, there will be no make-ups for quizzes and midterms.

Grading: Two grades will be computed:

Grade 1:

Quiz, drop lowest 3:	30 %
Midterm Exams, drop lowest:	40 %
Final Exam:	30 %

Grade 2:

Final Exam:	100 %

Your final grade will be based on the higher of Grade 1 and Grade 2. Note that Grade 1 includes the Final Exam, so everyone is required to take the Final Exam.

The grading system will not be any stricter than one letter grade for every 10 points (90-100 A or A-, 80-89 B or B+ or B-, etc).

Important dates: Last day to drop (delete) classes: Wednesday, September 2. Last day to withdraw from classes: Friday, October 23.

Mathematics Tutoring Center: The Mathematics Tutoring Center offers free, drop-in tutoring. It will open Monday, August 31, and the hours are: 8:00 AM - 8:00 PM Monday - Thursday and 8:00 AM - 6:00 PM on Friday.

ADA: The Americans with Disabilities Act requires that reasonable accommodations be provided for students with physical, cognitive, systemic, learning, and psychiatric disabilities. Please contact me at the beginning of the semester to discuss any such accommodations you may require for this course.