Classroom: LCB 225  Time: MTWF 8:35 – 9:25
Instructor: Domingo Toledo
e-mail: toledo@math.utah.edu
Office: JWB 324  Phone: (801) 581-7824
Office Hours: Mon 9:40–10:30, Tues 10:00–11:00, or by appointment.
Web-page: http://www.math.utah.edu/~toledo/1260.html

Prerequisite: Math 1250.
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. We will also discuss infinite series (Chapter 12 of Marsden and Weinstein’s Calculus II), since this material may not have been covered in Math 1250. Please keep your copy of Calculus II if you have it. The main topics will be

Vectors
Curves and Surfaces
Infinite Series
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 January 16) 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. But on Wednesdays I will not take questions on the problems for the quiz that day.

Exams: There will be three midterm exams on Wednesdays February 6, March 5 and April 9, and a comprehensive final exam on Tuesday, April 29, 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: Quiz, drop lowest 3: 30 %
Midterm Exams, drop lowest: 40 %
Final Exam: 30 %
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, January 16. Last day to withdraw from classes: Friday, February 29.

**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.