SYLLABUS

Math 275 — Multivariable & Vector Calculus  
Section 002, BSU, Fall 2011

Instructor: Shari Ultman  
E-mail: shariultman@boisestate.edu  
Web: http://math.boisestate.edu/~shariultman/

Office: MG 236D  
Office hours: MTuW 9:40–10:30am, W 11:40am–12:30pm, and by appointment.

Course Information: Assignments, announcements and documents for this course will be posted on the course website: 
http://math.boisestate.edu/~shariultman/teaching/fall11/275fall11.html

Class Meetings: MTuWF from 10:40–11:30am, Multipurpose Classroom Building Room 203. I do not take attendance. You are responsible for all information covered in class, posted on the course website or distributed via e-mail.

Prerequisites: Math 175. This course requires a solid foundation in the calculus of functions of a single variable: differentiation and integration are both central to this class.


Course Overview

Math 275 is an introduction to the geometry of curves and two- and three-dimensional regions, and the calculus of vector-valued functions and functions of more than one variable. This course covers four main topics: vectors and vector operations, the geometry and calculus of curves in two- and three-dimensional space, derivatives and integrals of functions of two and three variables, and vector calculus. These should not be regarded as four separate topics, as each builds upon material from the preceding topics.
Evaluation

• **EXAMS (60%).** There will be three midterm exams and a final exam. All midterms will contribute equally to the course grade. The final will be cumulative and will count for twice as much as a midterm. Make-up exams will be granted at my discretion, and only for verifiable reasons.

  **EXAM DATES:**
  - Midterm 1: Friday 16 September 2011 (in class)
  - Midterm 2: Friday 14 October 2011 (in class)
  - Midterm 3: Friday 4 November 2011 (in class)
  - Final: Wednesday 14 December 2011 (10:30am–12:30pm)

• **QUizzes (30%).** Quizzes will be given at the beginning of class on Fridays. The lowest quiz score will be dropped. There will be no make-up quizzes.

• **HOMEWORK (10%).** Homework will be collected at the beginning of class on Fridays. Late homework will not be accepted. Homework consisting of answers copied from the book will receive a score of zero.

GRADING SCALE: The default grading scale is: 90%–100% an A, 80%–89% a B, 70%–79% a C, 60%–69% a D and below 60% an F. I reserve the right to assign “pluses” or “minuses” to letter grades within these ranges. Any changes to this scale will be such that a higher letter grade is assigned to a lower percentage.

Calculators

You will be allowed to use a scientific calculator for quizzes and exams. The use of graphing calculators will not be permitted.

Academic Honesty

It is your responsibility to be familiar with BSU’s policies regarding academic honesty. For more information, see: [http://registrar.boisestate.edu/catalogs/online/general-policies.shtml](http://registrar.boisestate.edu/catalogs/online/general-policies.shtml)

Requests for Academic Accommodations

Students who plan to request academic accommodations should arrange to meet with me early in the semester. Students making such requests are required to provide documentation from the Disability Resource Center, located in room 114 of the Administration Building.