

Math 272: Multivariable Calculus II  
Spring 2010  
Section B: TWF 11:00–11:50 BNW 334

**Instructor** Chris Staecker  
Email: [cstaecker@fairfield.edu](mailto:cstaecker@fairfield.edu)  
Phone: x3323  
Office: BNW 16  
Office Hours: T 1–2, W 2–3, F 10–11, 1–2, or by appointment

**Course Website** Follow links from <http://faculty.fairfield.edu/cstaecker>

**Textbook** Stewart, *Calculus*, sixth edition

**Final Exam** Monday May 10, 11:30 AM

### Course Description

This course covers multiple integration and volume and surface integrals in cartesian, cylindrical, and spherical coordinates; the Jacobian; vector fields; line integrals; Green's theorem; divergence and curl, Stokes's theorem, the divergence theorem.

### Exams

There will be midterm exams in class on Friday, February 26, and Friday, April 9. Each of these will cover material up to and including the previous Monday. Exam makeups or rescheduling will be permitted only in extreme circumstances.

The two midterm exams will be weighted equally in your course grade, with the final exam weighted double. The final exam will be cumulative, but the midterm exams will not be.

### Homework

Homework assignments are a significant part of the course. Assignments will be excerpts from the textbook exercises, and will be posted at the course website. Students are encouraged to work together on assignments, but each must hand in their own papers. Late homework is like guff: The professor will not take it.

Homework will be due each Wednesday, with assignments covering material up to and including the previous Friday. Selected problems from each assignment will be graded.

## **Quizzes**

In the class meeting following each homework assignment due-date, a short quiz will be given, covering the same material as the homework. Quiz questions are meant to be similar to the easier questions on the homework. Missed quizzes will only be excused with good reasons.

## **Office hours**

The Professor regards visits to office hours as part of the instruction for this course. Responsible students in this course are expected to visit the Professor occasionally for help with homework and other class material. Class assignments are meant to stretch the abilities of the students, and the Professor expects even the best students to benefit from individual discussion. Students are encouraged to come in small groups if they don't want to come alone.

## **Extra credit**

The Professor will not entertain requests for extra credit work. Students whose grades have fallen late in the term because of lack of effort or discipline early in the term are especially discouraged from asking for extra credit. Any such requests will be denied with extreme prejudice.

## **Grading**

Your course grade will be inspired by an average, with the lowest quiz and homework scores dropped. The Professor reserves the right to adjust the course grade at his discretion. The grades are weighed as follows:

Homework	33%
Quizzes	33%
Exams	34%

## **Titular nomenclature**

You may address the professor as "Papa Staecker," "Sergeant Staecker," "Dr. Staecker," "Professor," "Professor Staecker," or "Chris." I consider these options to be: ridiculous, technically incorrect, technically correct yet overly formal, acceptable, appropriate, and preferred, respectively. Please do not address me simply as "Staecker."

## **Protractors???**

Protractors will not be required for this course.