

Vector Calculus

This is Vector Calculus - the third semester of our calculus sequence. It covers, as its name suggests, properties of vectors in both 2 and 3 dimensions, double and triple integrals, and derivatives in higher dimensions.

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Office Hours: By appointment, and Monday 3:00 - 4:00PM, Tuesday, and Thursday 2:30 - 3:30 .

Textbook: Vector Calculus, 5th Ed. By Marsden and Tromba.

Grading

There will be three hour exams valued at 100 points each for a total of 300 points.

There will be twelve quizzes valued at 10 points each and the lowest two of these are dropped to provide an additional 100 points,

Finally, the final exam will be comprehensive and worth 150 points.

The final grade is based on the percentage of the grand total of 550 possible points.

You may replace your lowest exam grade by your percentage on the final exam.

Note: Consistent attendance is expected, and *you should not be late for class*.

This can seriously affect your grade.

Grading Scale

90% - 100% A

88% - 89% B+

80% - 87% B

78% - 79% C+

70% - 77% C

68% - 69% D+

60% - 67% D

0 % - 59% F

WEB Site

There is a web site for this class with the URL of <http://www.math.sc.edu/~sumner/math250fall2007/>

This site contains material such as practice exams, solutions to selected problems on problem sets, review sheets, study guides, and more.

Help

There will be a review session before each hour exam, and you are also encouraged to come see me about any problems you're having (or anything else for that matter). If you can't make the office hours, let me know when you'd like to come by or just stop in and see if I'm free. I enjoy having students stop by my office. I also answer e-mail.

Homework

Homework will be assigned regularly and we will discuss any exercises that cause difficulty. Homework will *not* be collected and graded however.

Exam Schedule (tentative)

Exam 1 Friday September 21

Exam 2 Friday October 26

Exam 3 Wednesday November 28

Final Exam

Wednesday, December 12, 5:30 PM – 8:30 PM. (No exemptions, and it's cumulative)