

Math 550 Course Outline

Fall 2007
MWF 12:20–1:10

Text: *Introduction to Vector Analysis*
by: Harry F. Davis and Arthur David Snider

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Office hours: T-TH 10:30–12:00

Prerequisite: MATH 241

Tests: 3 one hour tests, each counting 20%, 1 Final exam counting 30%

Tentative test dates: September 28, October 31, December 3

Weekly Quizzes based on HW: 10%

Date of Final Exam: Thursday, December 13, 5:30 PM

Material to be covered: Chapter: 1(review), 2, 3, 4, and part of 5

Math 241 is the prerequisite for this course. The review of this material will be brief. Be sure you take all necessary steps to refresh your memory and skills relating to the material in Math 241 as the book (and I to some extent too) assume that you have a working knowledge of the Math 241 material. This includes knowledge of cylindrical and spherical coordinates, partial derivatives, directional derivatives, dot and crossproducts of vectors and double and triple integrals.

Make-up policy: No make-ups for missed homework or quizzes (lowest 2 or 3 scores will be dropped), make-ups for missed hourly tests or final will only be given if they were missed for legitimate reasons. In this case any effort should be made to contact me as soon as possible and you might need to provide documentation to support your reasons for missing the tests.

Cellphone policy Please turn off cellphones or put on vibrate during class.

Attendance policy: A grade penalty can be invoked, if more than 10% of classes are missed.