

MTH113 Fall 2007

Professor: Miaohua Jiang
Office: 340 Manchester Hall
Office Phone: *5951 Department Phone: *5354 Fax: 336 758 7190
Email: jiangm@wfu.edu
Office Hours: 1:00-3:00 pm TR and by appointment
Class: 9-10 MWR, 308 Green Hall MWF, 020 Manchester Hall R

Course Description: Multivariable Calculus (4h): The calculus of vector functions, including geometry of Euclidean space, differentiation, extrema, line integrals, multiple integrals, and Green's Stokes' and divergence theorems. Credit not allowed for both 113 and 301 (QR)

Text: Single Variable Calculus, James Stewart, Thomson Brooks/Cole Publishing Company, Sixth Edition.

Chapters we cover:

Chapters 13-17.

Examinations : Two 50-minutes midterm exams will be given during the semester and the dates will be announced at least one week before the exams. One 3-hour comprehensive final examination will be given during the examination week of December 10-15th

Quizzes and Homework Assignments : Several 5-10 minute quizzes will be given throughout the semester. Weekly homework assignments. You are required to solve the problems in the assignments and write up the solutions with necessary details. Homework assignments need to be turned in on time and they will be graded.

Grades : Letter grades will be assigned based on the total points a student earns during the semester:

Midterm One: 75 pts.
Midterm Two: 75 pts.
Homework, class projects: 100 pts.
Quizzes: 50 pts.
Final Comprehensive Examination: 150 pts

Honor Code: All work turned in for a grade should be your own work.