Math 213 – Fall 2007 – Calc III
Pietro Poggi-Corradini

Instructor: Pietro Poggi-Corradini,
Email: ppoggico@gmu.edu,
Phone: 703-993-1682
Url: math.gmu.edu/ ppoggico/Math213/index.html
Class: Analytic Geometry and Calculus – Section 003,
Time: R 7:20-10:00PM,
Location: B120
Office Hours: By appointment only.
Text: Thomas' Calculus (Early Transcendentals), 11th Edition, by Weir, Hass, and Giordano.
Prerequisites: Math 114.
Course Goals and Content: Understanding the ideas and techniques of multivariable calculus, as well as exploring some of its applications. We will begin with vector-valued functions of one variable, then move to functions of several variables. We will learn how to diferentiate and integrate in this context and we will apply these techniques to the study of flows.
Teaching Style: Mix of lecture/exercises/quizzes. Points will be given for in-class participation. On the next page I compiled a tentative schedule of what will be covered on a given day. Ideally you should come to class having read the relevant Section and having attempted the first few odd-numbered exercises.
Calculators Policy: Scientific calculators will not be the focus of this class, so you are discouraged to use them on the exams because they can be an unnecessary distraction.
Class Conduct: We will follow the GMU Honor Code. Personal ID must be brought to class on scheduled exams.
Homework: Not graded. However, it is essential to do as many problems as possible in preparation for the exams. So, I'll try to cover as many even-numbered problems as possible in class.
Grades and Exams:
Midterm 1: Thursday, September 20. (100 pts.)
Midterm 2: Thursday, October 18. (100 pts.)
Midterm 3: Thursday, November 15. (100 pts.)
Final: Thursday, December 13. (200 pts.)
In-Class Participation (100 pts.)

Tentative Schedule

Date	Sect.
Aug 30	12.1-12.3
Sep 6	12.4,12.5
Sep 13	13.1,13.3
Sep 20	14.1 & 1st Midterm
Sep 27	14.2-14.4
Oct 4	14.5,14.6
Oct 11	14.7,15.1
Oct 18	15.2 & 2nd Midterm
Oct 25	15.3,15.4
Nov 1	15.5,16.1
Nov 8	16.2,16.3
Nov 15	16.4 & 3rd Midterm
Nov 22	Thanksgiving
Nov 29	16.5,16.6
Dec 6	16.7,16.8
Dec 13	Final Exam