Syllabus

Math 1326.002 Spring 2005

Instructor: William Scott
Office: EC 3.306 Tel: (972) 883-6034
Office hours: MW 1:00-2:00, TR 4:00-5:00 or by appointment
Email: wms016100@utdallas.edu

Textbook: Calculus with Applications, 8th Edition., by Lial, Greenwell, and Ritchey.
(Student Solutions Manual is recommended)

TA: TBA

Lab: Math Learning Center MC 2.412 (library) Phone: (972) 883-6707

Hours: MTWR 10am-8pm, FS 10am-2pm. Individual tutorials are available by appointment.

Course Description: Material covered will include techniques of integration, functions of more than one real variable, maxima and minima, Lagrange multipliers, differential equations, sequences and series.

Grading:	Midterms	60%
	Homework	10%
	Final Examination	30%

Examinations: There will be three midterm examinations and a comprehensive final.

First Midterm	Feb. 4
Second Midterm	Mar. 2
Third Midterm	Apr. 6
Final Exam	May 2, 11:00 am

N.B. Please ask for help on any problems with which you have difficulty either from me during office hours, from the teaching assistant, or from the math lab.

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In order to succeed in this course, one must work a large number of problems.
Below is a list of problems which everyone is expected to do. Some students might find it necessary to have more practice; they should choose similar problems from each section and from the review exercises.

Sec. 7.1: # 1, 5-39 odd
Sec. 7.2: # 1-31 odd
Sec. 7.3: # 3, 7, 9
Sec. 7.4: # 1-39 odd'
Sec. 7.4: # 1-29 odd
Sec. 8.1: # 1-21 odd
Sec. 8.2: # 1, 3, 7, 11, 15, 25, 27
Sec. 8.3: # 1-19 odd
Sec. 8.4: # 1-25 odd, 43, 45
Sec. 9.1: # 1-15 odd, 21-27 odd
Sec. 9.2: # 1, 5, 9, 13, 17, 21, 25, 29, 31, 35, 39, 45, 47
Sec. 9.3: # 11-17 odd, 21, 33, 35
Sec. 9.4: # 1-13 odd, 19-25 odd
Sec. 9.5: # 1-19 odd
Sec. 9.6: # 1, 5, 9; 13, 17, 21, 25, 29, 31, 35, 39, 43, 47, 51
Sec. 10.1: # 1-27 odd, 35, 37
Sec. 10.2: #1-23 odd
Sec. 10.4: # 1-5
Sec. 12.1: # 1-29 odd, 33, 37
Sec. 12.2: # 1-27 odd, 35, 47, 51
Sec. 12.4: # 1-19 odd, 23, 29