University of Texas at Dallas

COURSE SYLLABUS
SPRING 2005

Course Number : Math 1326-501
Room : GR 3.420 Th 7:00-9:45
Course Title : Applied Calculus II
Text : *Calculus with Applications*,
By: Lial, Greenwell and Miller, 8th edition.

Instructor: Dr. Sirous Malek

Office:
Ph# (972)-881-5181
E-mail: smalek@ccccd.edu
Hours:
By Appointment

GRADING POLICY:

Test #1	**Feb 10**	25%
Test #2	**Mar 17**	25%
Test #3	**Apr 14**	25%
Quizzes		20%
Final exam	(comprehensive)	30%

Grades:

[90,93)	A-	[93,97)	A	[97,100]	A+
[80,83)	B-	[83,87)	B	[87,90)	B+
[70,73)	C-	[73,77)	C	[77,80)	C+
[60,63)	D-	[63,67)	D	[67,70)	D+

Below 60 F

****NOTE**

- No make-up test or quiz will be given.
- The lowest chapter test will be dropped.
- If you miss any class, you will be responsible for materials covered in that session.
- The lowest quiz grade will be dropped.
- You are welcome to make an appointment to see me any time.
- It is your responsibility to meet withdrawal and incomplete deadlines assigned by the university.
- Quizzes will be given every week on regular basis from materials covered in previous week.
- Cheating will not be tolerated.
- Must show full work on test paper.
- Graphing calculators are not allowed.

S.Malek **Course Outline for MATH 1326(subject to change)**

		H.W. Assignments
Chapter 7:		
Sec 7.1	Antiderivatives	1-39 odd
Sec 7.2	Substitution	1-31 odd
Sec 7.3	Area and the Definite Integral	1,3,7,9,15
Sec 7.4	Fundamental Theorem of Calculus	1-43 E.O.O, 53,55,57
Sec 7.5	Area Between two curves	1-31 odd
Chapter 8:		
Sec 8.1	Integration by Parts	1-21 odd
Sec 8.2	Volume and Average Value	1,3,7,11,15,25,27
Sec 8.3	Continuous Money Flow	1-19 odd
Sec 8.4	Improper Integrals	1-25 odd, 43, 45, 47
Chapter 9:		
Sec 9.1	Functions of Several Variables	1-15 odd, 21-27 odd
Sec 9.2	Partial Derivatives	1-39 E.O.O., 45,47,49
Sec 9.3	Maxima and Minima	1-21 odd, 33, 35
Sec 9.4	Lagrange Multipliers	1-15 odd,19-25 odd
Sec 9.5	Total Differentials and Approximations	1-19 odd
Sec 9.6	Double Integrals	1-59 E.O.O.,63,65
Chapter 10:		
Sec 10.1	Separable Differential Equations	1-27 E.O.O., 35,37
Sec 10.2	Linear First Order Differential Equations	1-19 odd, 21,23
Sec 10.4	Application of Differential Equations	1,2,3,4,5
Chapter 11:		
Sec 11.3	Special Probability Density Functions	
Chapter 12:		
Sec 12.1	Geometric Sequences	1-29 odd, 33,37
Sec 12.2	Annuities	1-27 odd, 35,47,51
Sec 12.4	Infinite Series	1-19 odd, 23,29