

**THE UNIVERSITY OF TEXAS AT DALLAS
MATHEMATICAL SCIENCES DIVISION
SPRING 2006 MATH 1326-502**

COURSE TITLE	APPLIED CALCULUS II	MATH 1326-502
ROOM & TIME	JO3.516	TUESDAY 7:00 – 9:45 PM
INSTRUCTOR	YULY KOSHEVNIK	
TA / OFFICE	XIUWEN ZHENG / FO 1.601	SCHEDULE WILL BE ANNOUNCED LATER
OFFICE HOURS	ECSN 3.916	TUESDAY 5:45 – 6:45 PM
PHONE / EMAIL:	972-883-4178 (OFFICE)	<u>Yuly.Koshevnik@utdallas.edu</u>

PREREQUISITE: MATH 1325

COURSE GOALS: INTRODUCE APPLICATIONS OF DIFFERENTIAL EQUATIONS,
FUNCTIONS OF SEVERAL VARIABLES, LEAST SQUARES MODELING,
MULTIPLE INTEGRALS, INFINITE SERIES.

TEXTBOOK: CALCULUS WITH APPLICATIONS,
BY M. L. LIAL, R. N. GREENWELL, AND N. P. RITCHEY
8TH EDITION ISBN 0-321-22814-6

EVALUATION PROCEDURES

STUDENTS IN MATH 1326 WILL TAKE EXAMS AND QUIZZES

THE LOWEST TWO QUIZ SCORES WILL BE DROPPED. NO MAKE-UP QUIZ IS ALLOWED.

HOMEWORK WILL BE ASSIGNED REGULARLY, NO GRADE – JUST AS PREPARATIONS TO QUIZZES AND TESTS.

TWO MIDTERM TESTS	CONTRIBUTE 25% EACH
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QUIZZES (TENTATIVELY, FIVE)	CONTRIBUTE ALTOGETHER 20% .
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FINAL EXAM	CONTRIBUTES 30%
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IF YOU ARE GOING TO MISS A TEST, PLEASE NOTIFY ME IN ADVANCE AND ARRANGE A MAKE-UP TEST.

WITHDRAWAL POLICY

LAST DAY TO DROP A CLASS WITHOUT A “W”	WEDNESDAY, JANUARY 25
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LAST DAY TO WITHDRAW WITH AN AUTOMATIC “W”	THURSDAY, FEBRUARY 16
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GRADING SCALE:

[97, 100]	[93, 97)	[90, 93)	[87, 90)	[83, 87)	[80, 83)	[77, 80)
A+	A	A –	B+	B	B –	C+
[73, 77)	[70, 73)	[67,70)	[63,67)	[60, 63)	[0, 60)	
C	C –	D+	D	D –	F	

TENTATIVE COURSE OUTLINE

(SUBJECT TO CHANGE)

WEEK & MONTH	DAYS	TOPICS	SECTIONS	HW ASSIGNMENT / QUIZ / TEST
1		10	READINESS TEST	NONE
2	JAN	17	CH. 7 ANTI-DERIVATIVES INTEGRATION TECHNIQUES	7.1 – 7.3
3		24		7.4 – 7.5
4		31	CH. 8: INTEGRATION ADVANCED TECHNIQUES APPLICATIONS	8.1 – 8.2
5		7	CH. 9: FUNCTIONS OF SEVERAL VARIABLES	9.1 – 9.2
6	14	9.3 – 9.4		
7	21	9.5 – 9.6		
8	28	REVIEW (CH. 7 – 9)		TEST 1 (CH. 7 – 9)
9	MAR	7	SPRING BREAK	
10		14	CH. 10: DIFFERENTIAL EQUATIONS	10.1 – 10.2
11		21		10.4
12		28	CH. 11: PROBABILITY & CALCULUS	11.1 – 11.3
13	APR	4	REVIEW (CH. 10 – 11)	TEST 2 (CH. 10 – 11)
14		11	CH. 12: SEQUENCES AND SUMMATION	10.1: 1 – 20 10.2: 1 – 20
15		18		12.1 – 12.2 12.4
16		18	COURSE REVIEW (Q&A)	10.4: 1 – 5 QUIZ 4
17		28	CH. 11: PROBABILITY & CALCULUS	11.1: 1 – 18 11.2: 1 – 8 11.3: 1 – 6
18		4	REVIEW (CH. 10 – 11)	TEST 2 (CH. 10 – 11)
19		11	CH. 12: SEQUENCES AND SUMMATION	12.1: 1 – 38 12.2: 1 – 19 12.4: 1 – 20
20		18		COURSE REVIEW (Q&A)
21		18	COURSE REVIEW (Q&A)	QUIZ 5

SPECIAL DATES	
MARTIN LUTHER KING'S DAY	JANUARY 16
TEST 1	FEBRUARY 28
SPRING BREAK	MARCH 6 TO 11
TEST 2	APRIL 4
FINAL EXAM	TUESDAY, APRIL 25, 7:00 – 9:45 PM