

University of Texas at Dallas  
Course Syllabus  
Spring 2006

Course Number: MATH 2420.501  
Room: GR 3.302, TR, 7:00 – 8:15  
Course Title: Differential Equations with Applications  
Textbook: Elementary Differential Equations and Boundary Value Problems, eighth edition, by William E. Boyce, Richard C. DiPrima  
Instructor: Dr. Gregory Kramer  
Office: EC 2.512  
Hours: 6:30 - 7:00 9.m., TR  
E-mail: gkramer@utdallas.edu

Exams: There will be three regular exams and a final exam. Each regular exam is worth 25% (the lowest regular exams grade will be dropped), and the final is worth 40% of your total grade. NO MAKE-UPS.

Quizzes: You must register for problem sessions 801 and 803 and attend it regularly. Quizzes will be given at the beginning of the problem section. The quiz will last 15 - 20 minutes. Of the 11 quizzes, only 10 top grades will be counted. If a quiz is missed, it will be the one that is dropped.

Grading Policy:

Quizzes	10.0 %
Best two exams	50.0 %
Final Tu, April 25, 7:00 p.m.	<u>40.0 %</u>
	100.0 %

GRADES:

[96-100)..... A+	[93-96)..... A	[90-93) .....A-
[86-90)..... B+	[83-86)..... B	[80-83) .....B-
[76-80)..... C+	[73-76)..... C	[70-73) .....C-
[66-70)..... D+	[63-66)..... D	[60-63) .....D-
	Below 60..... F	

Mid-term grade will be assigned based on your grade in test 1 and quizzes taken.

G. Kramer

Course Outline for MATH 2420 (subject to change)

**Chapter 1:**

Sec 1.1

Sec 1.2

Sec 1.3

**Chapter 2:**

Sec 2.1

Sec 2.2

Sec 2.3

Sec 2.4

Sec 2.6 – 2.9

**Chapter 3:**

Sec 3.1 – 3.9

**Chapter 4:**

Sec 4.1

Sec 4.2

Sec 4.3 – 4.4

**Chapter 5:**

Sec 5.1 – 5.8

**Chapter 6:**

Sec 6.1 – 6.6

**Chapter 7:**

Sec 7.1 – 7.9

**Chapter 8:**

Sec 8.1

Sec 8.2

Sec 8.3

Sec 8.4

**Chapter 11:**

Sec 11.1

Sec 11.2