

University of Texas at Dallas

Department of Mathematical Sciences

Spring 2005

Syllabus

**Instructor:** Dr. Gregory Kramer

**Course Title:** Stat 1342.501  
Statistical Decision Making

**Room:** CB 1.114                      **Days:** M W

**Time:** 5:30-6:45 p.m.              **Office:** EC 2.512

**Office Hours:** M, W    5:00-5:30 p.m.

**Textbook:** The Basic Practice of Statistics (3 rd edition), David S. Moore  
Study Guide for Moore's Basic Practice of Statistics is optional

**Homework:** Homework will be assigned each class from the exercises in the book, but will not be graded.

**Grading Policy:** There will be 3 tests including the final exam. Your final course grade will be the average of your 3 grades. No grades will be dropped. Closed Book. One formula sheet is allowed. A hand calculator is necessary.

**Grading Scale:**

[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	

## Syllabus

(Subject to Change)

Week	MO	Sections	WED	Sections
1	01/10	Intro to Statistics	01/12	Diagrams and Graphs
2	01/17	Holiday	01/19	Measures of Central tendency
3	01/24	Measures of Spread	01/26	Measures of Spread
4	01/31	Scatterplots, Correlation	02/02	Linear Regression
5	02/07	Correlation	02/09	Review for Test 1
6	02/14	Test 1	02/16	Ch. 9, Probability
7	02/21	Probability Rules	02/23	Applications
8	02/28	Random Variables, Probability Distributions	03/02	Ch. 11
9	03/07	Spring Break	03/09	Spring Break
10	03/14	Ch. 3. Normal Distribution	03/16	Binomial Distribution
11	03/21	Ch. 10 Sampling Distributions	03/23	Review for test 2
12	03/28	Midterm test 2	03/30	Ch. 13
13	04/04	Ch. 14	04/06	Ch. 16
14	04/11	Ch. 17	04/13	Ch. 18
15	04/18	Ch. 19	04/20	Review for the final exam
16	04/25	Review for the final exam	04/27	Final exam at 5:00 p.m.