

THE UNIVERSITY OF TEXAS AT DALLAS

SYLLABUS

SPRING 2006

Instructor: Dr. Gregory Kramer

Course Title: Probability and Statistics for Management and Economics-
Stat 3360.003

Room: GR 3.302 **Days:** M W

Time: 2:00 - 3:15 .

Office: EC 2.512

Office Hours: M W 6:30 - 7:00 p.m. **E-mail:** gkramer@utdallas.edu

Textbook: Statistics for Management and Economics
Abbreviated 6th Edition by Keller and Warrack.

Assignments: There are 4 homework assignments. Whenever you solve the assignment problem, show your work.
No work, no credit (even for correct answers). No late assignments will be accepted.

Exams: There will be two regular examinations and a final examination. No make-ups. Missed exams are a zero. Cheating will not be tolerated. The first two exams will be closed book, although you will be allowed an 8 ½ x 11 inches study sheet for formulas and notes. The final exam will be comprehensive and open book. A hand calculator is necessary. The midterm grade is based on the 1st exam and two homework assignments.

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|-------------------------------|----------------|------|
| <u>Grading Policy:</u> | Assignments | 10% |
| | Midterm Exam 1 | 25% |
| | Midterm Exam 2 | 25% |
| | Final Exam | 40% |
| | ----- | |
| | | 100% |

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|------------------------------|-----------------|---------------|----------------|
| <u>Grading Scale:</u> | [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 | M | SECTIONS | W | SECTIONS | |
|------|-------|---------------------------|-------|---------------------------|----------------|
| 1 | 01/9 | Ch.1. Intro to Statistics | 01/11 | 2.1 – 2.3 | |
| 2 | 01/16 | No classes | 01/18 | 2.3 – 2.6 | |
| 3 | 01/23 | 4.1 – 4.3 | A1 | 01/25 | 4.3 – 4.4 |
| 4 | 01/30 | 4.4 – 4.6 | 02/01 | 17.1 – 17.3 | |
| 5 | 02/06 | 17.4, 17.5, 17.7 | 02/08 | 6.1 – 6.3 | |
| 6 | 02/13 | 6.4 – 6.5 | 02/15 | Review Ch. 1 - 6 | A2 |
| 7 | 02/20 | Midterm Exam 1 | 02/22 | 7.1 – 7.3 | |
| 8 | 02/27 | 7.6 – 7.7 | 03/01 | 8.1 – 8.3 | |
| 9 | 03/06 | Break | 03/08 | Break | |
| 10 | 03/13 | 9.1 – 9.3 | 03/15 | 10.1 – 10.3 | |
| 11 | 03/20 | 10.4, 11.2 | 03/22 | 11.3 – 11.4 | |
| 12 | 03/27 | Review Ch. 7 - 11 | A3 | 03/29 | Midterm Exam 2 |
| 13 | 04/03 | 12.2 – 12.3 | 04/05 | 12.3 – 12.4 | |
| 14 | 04/10 | 13.2 – 13.4 | 04/12 | 13.5 – 13.6 | |
| 15 | 04/17 | 13.6, 17.8 | 04/19 | Review for the Final Exam | A4 |
| 16 | 04/24 | Review for the Final | 04/2 | No classes | |
| 17 | 05/01 | Final Exam at 2:00 p.m. | | | |

HOMEWORK ASSIGNMENTS

Chapter 2

A1 2.3, 2.5, 2.7, 2.17, 2.19, 2.57, 2.61 (10 pts.)

Chapter 4, 6

A2 4.3, 4.9, 4.21, 4.27, 4.30, 4.45, 4.57, 6.41, 6.45, 6.53 (25 pts.)

Chapters , 7, 8, 9, 10, 11

A3 7.33, 7.113, 8.13, 8.37, 8.69, 9.13, 10.41, 10.67, 11.45 (30 pts.)

Chapters 12, 13, 17

A4 12.31, 12.43, 12.53, 12.70, 13.18, 13.33, 13.61, 13.111, 17.60(a) (35 pts.)