

**STAT 2010, Elements of Statistics for Business and Economics
(10797)
FALL 2006**

Lecture: MWF 10:40-12:05pm, ScN 207

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Text: Gerald Keller, Statistics for Management and Economics, 7th Edition,
ISBN: 0-534-49124-3

Prerequisites: MATH 1304 or MATH 1810

Course Content: This course covers basic probability and statistical models used in business and economics. We will cover selected topics including, but not limited to, descriptive statistics, basic probability concepts, probability models, sampling and sampling distributions, statistical inference, linear regression, chi-square tests, and analysis of variance.

Grading: There will be homework assignments assigned approximately weekly worth a total of 20% of your grade. Two midterms will be given at dates announced in lecture (as this will be determined by the pace of the class) worth 25% each. Finally, your final exam on Monday, December 11th, will be worth 30% and be comprehensive.

You are allowed to bring 1 sheet of paper (8.5" × 11"), one sided, to each of the exams with any notes you feel are pertinent. These notes must be hand written. You are expected to bring a calculator with you to these exams, graphing is not necessary. **There will be no make-up exams.** In general, I do not grade on a curve. Your goal is to not fall behind the rest of your class.

Note: Although discussion amongst your peers about course material is

highly encouraged, work done on homework and exams is to be done by you alone. There will be no collaborative work.

Please be respectful during class and leave outside conversations until after class. Cell phones and pagers **must be** turned off during class.

Finally, do not bring food into the classroom unless you are sharing with the entire class. Food is strictly prohibited in the computer labs.