

Math 3063 Applied Statistics

Spring 2008

M,W 9:00 – 10:00 2-3:30

Professor Dr. Karen H. Smith Office Hours M,W,F 11-12

Text Statistics 10th edition by James T. McClave and Terry Sincich

Description : This course is a non-calculus based introductory statistics course in which descriptive statistics, probability, discrete and continuous distributions, hypothesis testing, and confidence intervals are studied. Basic coverage of regression and analysis of variance will be included. A TI 83 calculator will be used as well as a statistical software package. This course is specifically for Mathematics majors and has prerequisites of Math 1111 or Math 1113.

Learning Outcomes

The student will demonstrate a knowledge of statistical concepts such as descriptive and inferential statistics, random variables, and hypothesis testing. (L5, L7)

The student will demonstrate an understanding of statistical tests and the appropriate use of these tests. (L9, L11)

The student will apply knowledge of statistical concepts in analyzing data either through statistical tests or statistical methods. (L 14)

The student will use the graphing calculator or statistical software in analyzing statistical data. (L12)

Material and approximate schedule

Chapters 1,2,3 Exam 1 Feb. 1

Chapters 4, 5, 6 Exam 2 Feb. 22

Chapters 7, 8,9 Exam 3 Apr 4

Chapters 10,11,12 Exam 4 Apr. 28

Any student with 3 or fewer absences will have their lowest exam grade dropped.

Grade in course

Exams	80%
Final Exam	20%

Important dates

- Mar 3 Withdraw with a “W”**
- Mar 28 No Class due to Math Day**
- May 7 Wednesday 11- 1 p.m. FINAL**
- Mar. 17 – 21 Spring Break**