

STATISTICS 1410 A3
WINTER SEMESTER 1993 - 94

TITLE: Introduction to Statistics

INSTRUCTOR: Thomas Kaip
 Office J212
 Phone 539-2963

TEXT: Neil A. Weiss: Elementary Statistics, 2nd Edition

TIME: Lectures: M W F 12:00 - 12:50 J201
 Seminar: F 08:00 - 08:50 J202

MARKING: Final 50%
 Midterm 30%
 Quizzes(2) 10%
 Assignments 10%

Prerequisite: Mathematics 30

COURSE CONTENT: Random variables and frequency distributions. Averages and variances. The binomial and normal distribution. Sampling distributions and elementary inference. The X^2 test and Analysis of Variance. Regression and Correlation.

Note: Statistics 1410 is among the requirements for the following programs: Agriculture and Forestry, Pre-Medicine, Pre-Optometry, Pre-Veterinary Medicine, Food Science, Secondary Education (Mathematics major). Statistics 1410 may also be used as the mathematics option for all Education Students.

DETAILED DESCRIPTION:	No. of weeks
Descriptive Statistics	
Organization of Data	1
Averages and Variance	1
Probability Theory	
Elementary Probability	1
Probability Distributions	1
Binomial	1/2
Normal Distributions	1
Sampling Distributions	1
Statistical Inference	
Estimation	1 1/2
Hypothesis Testing	1 1/2
Analysis of Variance	1
Chi-Square Test	1
Regression and Correlation	<u>2</u>
Total	13 1/2