

MA 171 Introductory Probability and Statistics
Fall 2002

Meeting Time:

MA171-4 MW 7 :00 - 8 :40 at NSF 1209

MA171-2 MWRWF 11:00 - 11:50 a.m. at NSF 1209

Text Book:

General Statistics, Warren Chase & Fred Bown, Wiley

Instructor:

Dr. Roxin Zhang

Office:

Seaborg Science Facility 3013, 227-1596

Office Hours:

Before/after classes, MWRWF 12:00 - 1 :00 or by appointments.

Prerequisite:

The minimal requirement is a C- or better in MA 103 or MA 1 05 or satisfactory math placement recommendation.

Course Content:

Statistics, as defined in our text, is the science of collecting, simplifying, and describing data, as well as making inferences (drawing conclusions) based on the analysis of data. These form two basic areas of statistics - descriptive and inferential statistics. The purpose of this course is to provide students with the fundamentals of the introductory statistics. The first part of the course (Chapter 2-6) emphasizes on the descriptive statistics including the basic concepts in statistics, data analysis techniques and probability distributions. The second part of the course is on the inferential statistics that mainly focuses on how and why the inferences (conclusions) are made based on the data.

Tests/Quizzes:

There will be approximately 5 biweekly quizzes or projects, one midterm and a final exam. Quizzes will count for 50% towards the grade, midterm 20%, final exam 25% and classroom attendance 5%. One lowest quiz (including absence) will be dropped out.

Homework:

Homework will be assigned after each lecture and will not be collected. However, you must do homework and review the lectures in order to comprehend the materials that will prepare you for the quizzes and tests.

Grading:

Grades are given as the Northern conventions: A, A-, B+, B, B-, C+, C, C-, D+, D, D- and F. You are welcome to check with the instructor regarding your performance any time during the semester.

Disability Statement:

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 405 Cohodas (227-1550). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.