

Syllabus for MA 171, General Statistics Winter 2007

Instructor: Qinghong Zhang

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Office Hours: 12:00—1:00, 2:00-3:00, MTWR, and by appointments

Class Time: 10:00—10:50 MTWR and 1:00—1:50 MTWR

Place: JXJ 242 (10:00 a.m.) and WS 2901 (1:00 p.m.)

This course satisfies the Formal Communication Studies requirement.

These courses are designed to introduce students to the ways in which information and ideas are expressed using a communication system other than English. Such courses should foster the student's ability to conceptualize and communicate in an orderly, rational manner. Characteristics of a communication system include: 1) possession of a grammar; 2) operation from an established set of rules; 3) reasoning properties such as deduction, inference drawing and problem solving. This includes courses in languages and those in which the central focus of the course is on statistics, computers or formal logic.

Course Description: Descriptive Statistics. Regression and Correlation. Probability. Discrete and Continuous Probability Distributions. Central Limit Theorem. Inferential Statistics.

Prerequisite: A grade of C- or better in MA103, MA104, or MA105, or satisfactory score on the Math Placement Exam.

Textbook: General Statistics, 4th Edition by Warren Chase, and Fred Bown.

Attendance: Students are expected to attend all the classes. Attendance will be taken at the beginning of the class.

Homework, Quizzes and Tests: Homework will be assigned for each class. Quizzes will be given on Thursdays. I will drop the 2 lowest quiz scores. There will be five tests tentatively scheduled for 02/01/07, 02/22/07, 03/15/07, 03/29/07, and 04/12/07, and a two-hour final exam during the final exam week. The lowest test score will be dropped. Each test counts 15% toward the final grade. The final exam counts 25%. Quizzes will be the remaining 15% toward the final grade. It is important to take the quizzes, tests, and exam at the scheduled time. Generally, no make-ups will be given.

Grading: 90%—100% is an A. 80%—89% is a B, etc.

Disabilities: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C. B. Hedgcock (227-1700; TTY 227-1543). 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.