Syllabus for MA 171-6, Winter 2008

Instructor:	Jin Zhou, Phone: 227-2558, Email: jzhou@nmu.edu
Office:	New Science Building 1009
Office Hours:	3 - 3:50 PM, MTWR or by appointment
Textbook:	"*Elementary Statistics*", 6th ed., Allan G. Bluman
Meeting Time:	MTWR 4PM, West Science 3803

Course Content: 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.

The course consists of a study of the methods of elementary probability and statistics. Some time is devoted to finding probabilities for both discrete and continuous probability functions, and discussing the role probability plays in estimation and decision making. The main emphasis of the course, however, is on methods of describing data, finding sampling estimates and testing hypotheses. Throughout the course, applications are stressed as is the interpretation and understanding of the statistics and methods used.

Topics included: Descriptive Statistics. Regression and Correlation. Probability. Discrete and Continuous Probability Distributions. Central Limit Theorem. Inferential Statistics.

Prerequisites: Passed MA103, MA104, or MA105 with C-grade or better

Test and Grading: Quzzies will be given on Thursdays. Two lowest quiz scores will be dropped. There will be four one-hour exams at scheduled times and a two-hour final exam during the final exam week. The cutoffs for A's, B's, C's, etc. will be $90\%, 80\%, 70\%$, etc.

Quizzes	200 (25pts $\times$ 8)
Hour Exams	400 (100pts $\times$ 4)
Final Exam	200
Total	800

Grades: A$\geq$ 720, B $\geq$ 640, C $\geq$ 560, D $\geq$ 480, etc.

Attendance: Attendance is required in this course. You must take all quizzes, tests and exams at their scheduled times. No make-ups will be given except for documented emergencies.

Disability Services: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing disserv@nmu.edu. 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

Additional Remarks: Cheating will not be tolerated and may result in severe academic sanctions. Disruptive talking in class will not be tolerated. On the other hand, asking and responding to questions in class is strongly encouraged.