

MATH 171

INTRO TO PROBABILITY AND STATISTICS

Winter 2009

DESCRIPTION

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.

INSTRUCTOR: Dr. David Buhl

CLASS: 9:00 – 10:00 WS 3805 M,T, W, Th,

COURSE MATERIALS: <http://webct.nmu.edu>

OFFICE: New Science Facility 1117

OFFICE: 8:00 – 9:00 M,T, W, Th,

HOURS 9:00 – 10:00 F

Or by appointment

PHONE: 227-2089

EMAIL: dbuhl@nmu.edu

GRADING (Percent)

Anticipated chapters to be covered include Chapters 1 through 10. There will be 4 exams (100 pts each) and 5 quizzes (20 points) each for a total of 500 pts. Your grade will be posted on the following curve.

100 - 90	A (-)
89 - 80	B (+ or -)
79 - 70	C (+ or -)
69 - 60	D (+ or -)

This course satisfies the Formal Communication Studies requirement.

This course is 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.

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.