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MATH.STAT 414 INTRO PROB THEORY

Faculty Information

Title	Associate Professor
Instructor	NAOMI ALTMAN
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Homepage	http://www.stat.psu.edu/people/faculty/altman.html

Course Information

Credits	3
Course	414
Location	011 Life Sciences
Times	MWF 2:30-3:30

Required Text

Mathematical Statistics with Applications 6th Ed

Wackerly, Mendenhall III, Scheaffer

Course Description

We will cover the first 7 chapters of the text.

Course Objectives

familiarity with the basic definitions, concepts and theory of probability
enhanced mathematical skills in both computation and proofs

Tentative Schedule

midterm 1: 2nd week of October
midterm 2: 2nd week of November
final exam: finals week

Course Requirements

Weekly homework (due by 5:00 p.m. each Friday)
2 in-class midterm exams
final exam

Note: This course requires about 6 hours of homework weekly in addition to class time.

Course Prerequisites

math literacy
multivariable calculus

Grading Policy

Grade break-down

homework 20% (No late or dropped HW)
midterm 1 20%
midterm 2 25%
participation 5%
final exam 30% (cumulative)

lower limit for letter grades (F below 58 or F on ANY exam - you may retake a failed midterm exam)

58 65 70 75 80 85 90 94
D C C+ B- B B+ A- A

Attendance Policy

"Participation points" will be awarded for a variety of activities including class attendance, but attendance is not required. Students missing classes for reasons other than medical and family emergencies, or pre-approved absences, may not use faculty or TA office hours.

Academic Integrity

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. All University policies regarding academic integrity apply to this course. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, using internet resources when not allowed by the instructor or tampering with the academic work of other students.

Examination Policy

All examinations will be in-class. Exams will be closed-book, but students may

bring 3 sheets of 8.5x11" paper with formulas, etc, any font, both sides.
Calculators permitted, but no computers or devices with internet access. No
collaboration. Dictionaries are OK.

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