

SYLLABUS MATH 4/6635

FALL 2015

Instructor: Dr. Dale Bowman

Office: Dunn Hall 357

Office hours: MW 12:30-1:30 and by appointment

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Topics covered include: sample space, events, probability, conditional probability, independent events, Bayes' theorem, random variables, probability distributions, discrete probability distributions, continuous distributions, expectation, moments, moment generating function.

Text: Probability and Statistical Inference by Hogg, Tanis and Zimmerman, published by Pearson, 9th edition or any earlier edition.

Homework Assignments: There will be homework assignments to be turned in weekly. The homework assignments will count 100 points towards your final grade. **No homework will be accepted for any reason after the due date.**

Tests and Final Exam: There will be three tests and a comprehensive final exam. Each test will count 100 points towards your final grade and the final exam will also count 100 points. **There will be NO makeup tests given for any reason.** If you must miss a test, your final exam will count for 200 points towards your final grade. If you miss two tests you will receive a zero on the second missed test.

Your grade will be computed according to the following scale based on the percentage of the 500 possible points that you obtain:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
below 60%	F

This syllabus is intended as a guideline for expectation and evaluation in this course. The instructor reserves the right to make any changes that may be deemed necessary during the course of the semester.