MATH 0400
Course Syllabus

Textbook

Finite Mathematics for the Managerial, Life, and Social Sciences, Twelfth Edition, Soo T. Tan. However, the Eleventh Edition and the Tenth Edition can be sufficiently used. I do recommend using the eTextbook as it has additional resources as well.

Overview

This course is designed to introduce students from various disciplines to the applied world of mathematics within a discrete context. In particular, students can expect to work with linear models including a basic algebraic introduction, systems of linear equations, and the utilization of matrix algebra. Symbolic logic and the mathematics of finance will also be studied. Additionally, a substantial part of the course will be devoted to the development and application of the basic laws of probability, probability models, combinatorial techniques, and statistics. The course will conclude with the examination of Markov Chains.

Grades

Your course grade will be determined as follows:

- Homework/Quizzes 15%
- Midterm exam 1 25%
- Midterm exam 2 25%
- Final exam 35%

Calculator Policy

A graphing calculator such as a TI-84 or above will be useful in doing many of the practice and homework problems.

Homework

You will be provided a list of practice problems from the textbook. You are expected to solve these problems, although they will not be collected and graded. Only homework assignments posted in Canvas will be graded as homework. These will be set as quizzes. However, you will have unlimited attempts and the highest grade will be kept.

Tutoring

Free tutoring is available through the Math Assistance Center (MAC)Links to an external site..

Disability Resource Services

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services, 216 William Pitt Union (412) 624-7890 as early as possible in the term.