Instructor: Slobodan Simić
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Course web page: http://www.math.sjsu.edu/~simic/Fall04/Math70/70.html


Prerequisite: Satisfaction of the ELM requirement.

Office hours: MWF 10:30–11:30 and 2:30–3:30, F 10:30–11:30

Homework: There will be weekly homework assignments which will not be graded. However, quizzes (see below) based on the homework will be graded. It is absolutely essential that you do all the homework exercises.

Tests: Short weekly quizzes will follow the latest homework and cover the same material. The exam schedule is as follows:

Midterm 1: September 22
Midterm 2: October 20
Midterm 3: November 17
Final exam: December 13, 7:15–9:30

No make-up tests will be permitted.
Grading: Quizzes = 10%, three midterms = 20% each, final exam = 30%

Course objectives: The goal is to teach you a variety of topics in “finite mathematics”, including basics of counting principles, permutations, combinations, probability, expectation, conditional probability, Bayes’s formula, Markov chains, matrices, systems of inequalities, linear programming, and computing interest and present value of annuity. We will cover parts of Chapters 1, 2, 3, 4, 5, 7, and 10.

The general goal is to help you in developing the ability to think critically and clearly.

Participation: During class please feel free to stop me at any time and ask questions. I encourage and greatly appreciate students’ participation.