

Math 112: Finite – Syllabus & Course Information

<p>Instructor: S. de Silva</p> <p>Office, Room 312 AC, Office Hrs: Tuesdays/Thursdays 4:30 – 6:30 p</p> <p>Phone: 570 321 4285</p>	<p>Attendance, punctuality, and missed tests: You are expected and required to attend all classes. Attendance will be taken at random. After 5 recorded absences, each absence will be penalized with the deduction of one point from your <i>final course average</i>.</p>
<p>Introduction: Finite Mathematics is comprised of the basic mathematics of: (1) linear algebra, (2) matrix algebra, and (3) probability; and applications to (4) linear programming, (5) Markov processes, and (6) game theory. (These words will be explained later.)</p> <p>Finite Mathematics carries distribution credit, and is appropriate for students in all majors.</p> <p>Prerequisites: students must be exempted from or pass Basic Algebra: Math 100.</p> <p>Homework and Preparation: Here's a word to students who have not taken mathematics courses in college (not counting Basic Algebra). Mathematics is <i>not a spectator sport</i>. Only doing the homework diligently and on time will earn you a decent grade, unless you have extraordinary talent. <i>Copying</i> homework provides no benefit. Being tired when you do your homework is bad, because the point of the exercises will fly by you.</p> <p>Normally, you need not read ahead to prepare for class; if there are exceptions, I will tell you.</p> <p>Course Structure & your grade: There will be three tests, and a final examination during Finals Week. Homework will be either collected, or a quiz based on the homework will be administered. The scores on homework/quizzes, Tests, and the Final will be averaged as follows: Homework+Quizzes: 15%, Final: 25%, tests: 60%.</p>	<p>Missed tests cannot usually be made up. You may request a waiver from this policy under special circumstances, and if granted, your test may be <i>substantially different in form</i> from the test you have missed.</p> <p>You may not leave early from class unless you have made arrangements with me beforehand to do so. If you are more than a ½ hour late, you will be assessed half an absence.</p> <p>Handicapped and learning differenced students: If you know that, or suspect that, you are handicapped or learning differenced (i.e. you believe you have a learning disability) please introduce yourself to Mr Dan Hartsock (Academic Resource Center), and advise him of your condition. You may be entitled to take quizzes and tests under conditions appropriate for your condition, and other accommodations may also be available.</p> <p>Tutoring: The mathematical sciences department usually provides tutoring in the evenings. Please await notification of our tutoring plans over the course of the first week of classes.</p> <p>Grades: In order to earn a grade of A, a student must earn a course average of 95% or greater. Similarly for grades of B, C and D, the averages should be 85%, 75% and 65%.</p>