MATHEMATICS 109
SYLLABUS
SPRING, 1993

Instructor: Susan Riner
Office: 116 Seney Hall
Phone: 4-8316

Text: Introduction to Discrete Mathematics, McEliece, Ash, Ash

Course Content: Sets, Functions, Induction, Combinatorics, Trees, paths, circuits, algorithms, Propositional Calculus, Boolean Algebra, (Chapters 1, 2, 3, 5}.

Attendence: Students are expected to attend all classes and are responsible for any work missed when absent as well as any changes made in the schedule regarding homework or tests. There is no attendence policy; however, it is to your advantage to be in class.
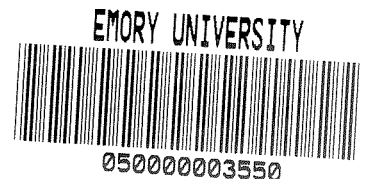
Homework: Homework will be assigned daily but will not be taken up or graded. It is for the student's benefit and practice and will be discussed in class as time permits.

Tests: Students are expected to take tests at the scheduled time only. Real emergencies which prohibit a student from taking a test will be handled on an individual basis. It is the responsibility of the student to notify the instructor before a test is missed if a conflict arises.

Grading: 4 Tests - 400 points
           Cumulative Final Exam - 200 points

           A: 540-600 points
           B: 480-539 points
           C: 420-479 points
           D: 360-419 points

Honor Code: ALL STUDENTS HAVE AGREED TO ABIDE BY THE HONOR CODE. ALL WORK SUBMITTED FOR CREDIT IS EXPECTED TO BE THE WORK OF THE STUDENT.

Math 109
Unit I - Sets, Functions, Induction

Jan. 12, Tues. 1.1

Jan. 14, Thur. 1.2

Jan. 19, Tues. 1.3

Jan. 21, Thur. 1.5

Jan. 26, Tues. 1.6

Jan. 28, Thur. Review

Feb. 2, Tues. TEST I

Math 109
Unit II - Counting

Feb. 9, Tu: 1.7, 2.1

Feb. 11, Th: 2.2

Feb. 16, Tu: 2.3

Feb. 18, Th: 2.4

Feb. 23, Tu: 2.5

Feb. 25, Th: 2.6

Mar. 2, Tu: Review

Mar. 4, Th: TEST II

(Spring Break)

Math 109
Unit III - Graph Theory

Mar. 16, Tu: 3.1

Mar. 18, Th: 3.2

Mar. 23, Tu: 3.3

Mar. 25, Th: 3.5

Mar. 30, Tu: Review

Apr. 1, Th: Test III