Instructor: Professor R. Alperin, Duncan 239, Phone: 924-5066, Office hours: 10:30-11:15 TTH, or by appointment

Text: A First Course in Abstract Algebra by J. B. Fraleigh, 7th Edition

Course: The goal of this course is to introduce the basic algebraic structures: groups, rings and fields.

Most of the class time will be spent covering the material from the text with further explanations as needed. Attendance is mandatory. Some class time may involve student presentation of homework solutions.

Each student should keep a homework notebook with solutions to assigned exercises on separate pages. Selected problems will be collected as announced.

Final grade will be based on homework, in-class exams, and a comprehensive final exam.

Chapter Φ: §0 Review this now!
Chapter I: §1-7 Groups and Subgroups
Chapter II: §8-12 Permutations, Cosets and Direct Products
Midterm
Chapter III: §13-17 Homomorphisms and Factor Groups
Chapter IV: §18-25 Rings and Fields