

Math 525, Section 01: Modern Algebra MWF, 8-8.50, Hume  
331

Instructor: Dr. Alan Patterson

This is the first of a two course, graduate sequence on modern algebra. These courses deal with the fundamental algebraic structures of groups, rings and fields. The 525 course develop the fundamentals of group theory, culminating in the Sylow subgroup theorems. The course will emphasize the working of interesting problems. A grade of C or better is necessary in those classes that are intended to count toward a major or minor in mathematics.