

Math 146

Algebra
Course Information

Spring 2009

BLOCK: D+ (TTh 10:30 – 11:45)

INSTRUCTOR: George McNinch

EMAIL: george.mcninch@tufts.edu

OFFICE: Bromfield-Pearson 112

OFFICE HOURS: (Fall 2008) T 2:30 – 3:30, Th 12:00 – 1:00, F 1:00 – 2:00

PHONE: 7-6210

PREREQUISITES: Math 145 or consent.

TEXT:

Abstract Algebra, 3rd edition, J. Beachy and W. Blair (Waveland Press).

COURSE DESCRIPTION:

This course continues the study of algebraic structures; the primary focus is the structure of fields. Math 146 will achieve a main goal of the year-long course: using the language of modern algebra, we will describe in detail the beautiful connection found by E. Galois between the structure of groups and the solutions of polynomial equations.

COURSE REQUIREMENTS: weekly problem sets; 2 in-term exams; final exam