COURSE INFORMATION
(Spring 2016)

Course: Math 526- Algebraic Number Theory

Textbooks:
1. Instructor’s notes
2. J. Neukirch, Algebraic Number Theory

Class Meetings: MWF at 1:00-1:50, EGRD 131

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Office Hours: MWF 11:00-11:50

Introduction to the modern algebraic techniques used in the study of number theory. Advanced Galois Theory, algebraic integers, prime factorization of ideals, Dirichlet unit theorem, ramification theory, local fields, and other topics.

Grading:
1. Homework 25%
2. Midterm exam 25%
3. Presentation 25%
4. Final Exam 25%