Math 6122: Algebra II

General information

Announcements
Syllabus

Assignments

Homework
Projects

Syllabus
Math 6122 - Algebra II - Spring 2012

Place and time:
Skiles 170, TueThu 4:35--5:55pm

Instructor:
Anton Leykin

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Skiles 220
Phone:
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Webpage:
http://people.math.gatech.edu/~aleykin3/math6122spr12
Office hours:
see webpage

Description:
This course gives introductions to classical areas in algebra such as Galois theory, commutative algebra and algebraic geometry, homological algebra and group cohomology, and respresentation theory of finite groups.

Textbook:
Dummit and Foote, Abstract Algebra

Homework and a project:
Problem sets will be posted on the webpage. In addition there will be a choice of
- reading a research article;
- studying a topic outside but close to the course material;
- completing a computer algebra project.

The possible articles/topics/projects will be posted on the webpage. You will be expected to write a summary and give a short presentation in the end of the semester.