

# Algebra 25600 section 31      Spring 2009

This is the third quarter of Basic Algebra. The syllabus includes Jordan block decomposition of matrices, Sylow theory and Galois theory, and even some topology.

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Office hours: Wednesday 3:30-4:30 and Thursday 3:30-4:30 or by appointment.

## Textbooks:

John Fraleigh's "A first course in abstract algebra", 7th edition and Morton Curtis's "Abstract Linear Algebra".

## Curriculum:

Section 3D and 3E of Curtis, Section 31-44 and 48-56 of Fraleigh. (Subject to change.)

## Homework (40%):

Homework will be assigned weekly, due each Friday in class.

## Midterm (20%):

One hour-long, in-class test will be administered on Friday May 1.

## Final (40%):

The final exam will be held Wednesday June 10, 10:30-12:30.

## Holidays:

Memorial Day, Monday May 25.

It is the policy of the Department of Mathematics that the following rules apply to final exams in all undergraduate mathematics courses:

1. The final exam must occur at the time and place designated on the College Final Exam Schedule. In particular, no final examinations may be given during the tenth week of the quarter, except in the case of graduating seniors.

2. Any student who wishes to depart from the scheduled final exam time for the course must receive permission from Paul Sally (office is Ry 350, phone is 2-7388, email is [sally@math.uchicago.edu](mailto:sally@math.uchicago.edu)). Instructors are not permitted to excuse students from the scheduled time of the final exam except in the cases of an Incomplete.