MAS 6331: Algebra I   Fall 2021

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Office hours: Mondays and Wednesdays 10:30–11:45, or by appointment.
Class meets MWF 9:35–10:25 in Little 205.

Textbook

Abstract Algebra (Third Edition) by Dummit and Foote

Exams

Tuesday, October 19, 7:30–9:30 PM
Thursday, December 16, 1:00–5:00 PM

Syllabus

This course is a sequel to the first-year graduate algebra sequence. This semester we will study Galois theory, category theory, group theory, tensor products, and exact sequences.

Homework

Homework problems will be assigned and collected. Although you are encouraged to discuss these problems with your classmates, all work you turn in for grading should be your own. In particular, no collaboration is allowed on write-ups of solutions.

Grading

The homework will count 40%, the midterm will count 20%, and the final will count 40%.