

Math 500, Section D2
Algebra I
Autumn, 2004

Instructor: Thomas Nevins
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Office: 235 Illini Hall
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Office Hours: Tentatively, M 10-11 (Math 500 only), W 1-2 (joint), F 1-2 (all)
Text: J.J. Rotman, *Advanced Modern Algebra*
References: Lang's *Algebra*, Hungerford's *Algebra*, Alperin and Bell's *Groups and Representations*, Atiyah and MacDonald's *Commutative Algebra*

Grading. Final letter grades will be based on the following components.

Homework:	20% of final grade
Midterms (tentatively Oct. 4 and Nov. 3):	50% of final grade
Final Exam (Saturday, Dec. 18, 8–11 a.m.):	30% of final grade

Homework Policy. Homework problems will be assigned and collected roughly every 1 to 2 weeks.

In general, the problems will have significant overlap with material covered in the lectures, but will also contain some unfamiliar material designed to deepen your understanding in a way that is not possible in the lectures alone.

Students may work together to solve homework problems. However, each student must *write* his or her own solutions to the homework independently, without assistance either from others or from notes taken during joint work. The instructor is happy to answer questions about this policy.

Some problems and exercises will be assigned that are not to be turned in (but should be diligently worked through all the same!).