Math 5213-WB

Introduction to Abstract Algebra

Winter 2011

Instructors:	Greg Lee	Adam Van Tuyl
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Class Times: TBA

Office Hours: MW 1:30-2:20   MWF 11:30-12:30

Text: *Abstract Algebra, 3rd Edition* by D.S. Dummit and R.M. Foote

Material to be Covered: This is an introductory graduate-level reading course in abstract algebra. The first half of the course (with G. Lee) will cover selected topics in group theory from Chapters 1-6. The second half (with A. Van Tuyl) will cover selected topics in ring theory from Chapters 7-11. Additional topics may be added if there is extra time.

Assignments: Assignments will be distributed on a regular basis (normally one per week) to be submitted for grading. These will account for 75% of your final grade.

Examination: There will be a take-home final examination during the final exam period scheduled by the university, and it will account for 25% of your final grade. The examination is open book and covers the entire course.