

M 431: Abstract Algebra (Spring 2011)

Class: TuTh 8:00–9:15am, 1-139 Wilson Hall

Instructor: Lukas Geyer, 2-254 Wilson, Tel. 994-5342, geyer@math.montana.edu

Office Hours: MTh 9:30-10:30am, 2-254 Wilson; Tu 2-3pm, Math Learning Center; or by appointment

Required Text: John R. Durbin, Modern Algebra: An Introduction, 6th ed., Wiley 2009.

Prerequisites: M 333

Website: <http://www.math.montana.edu/~geyer/2011/spring/431/>

Final Exam: Thursday, May 5, 12–1:50pm, 1-139 Wilson Hall

This course will cover chapters 1–5 of the textbook (mappings and operations, group theory, basic number theory), plus some additional selected topics. The grade will be based on regular homeworks (30%), one midterm exam (30%) and one final exam (40%).