

Math 645 *Abstract Algebra 2*

Spring Term 2008

M, W, F 2:00 – 2:50 PM

Milam Hall 206

Instructor: T. Schmidt  
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Off. Hours: M, F Noon hour; W 3–3:50 PM, F in MLC  
**and by appointment**

Text: Dummit and Foote: *Abstract Algebra* 3rd ed.

Grading: Class participation and presentations (15 %),  
HW assignments (50 %),  
Mid-term (15 %), and Final (20 %).

In-class test date: Fri. May 2  
Final oral examinations: Mon., June 9 per schedule

Academic Honesty: In this course, group work is permissible on homework assignments. However, all such work must be acknowledged. No group work is permissible on any examination.

Description: We will study ring theory, field theory and in particular Galois theory. This type of mathematics can only be learned by doing many problems. There are biweekly homework assignments. There will be biweekly in-class problem sessions. Note that all students must actively participate in these sessions. The tests are comprehensive.