

MATH 625 – Fall 2009

Theory of Associative Rings

Instructor: C-Y. Jean Chan, Ph.D.

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Office: Pearce 206 D

Office hours: TR 2:30 – 3:30, Wed. 2:00 – 3:00 and by appointment

Class Time and Place: TR 11:00 - 12:15, Pearce 224

Course Webpage: CMU Blackboard: <http://blackboard.cmich.edu>.

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

Other References : *Algebra*, by Hungerford
Galois Theory, by Stewart

Course Objectives: Lectures will cover most of Part II (Ring Theory) and Part IV (Field Theory and Galois Theory) in the textbook. Some sections and examples may be reading assignments. Students are responsible for understanding these reading assignments and take the initiative to communicate with the instructor if any difficulty occurs.

Homework: Homework will be collected on every Thursday in class starting the second week. Late homework is accepted but with certain amount of points deducted each day after the due day. Homework turned in over one week later than the due day is given credits for completion but is not to be graded for correctness. The assignment is announced weekly in class.

Attendance: No attendance will be taken in class but students are responsible for knowing the material, assignments, etc. presented and announced in class. While classroom attendance is optional, students should be aware that the participations in discussions and presentations are part of course evaluation.

Exams: There will be one midterm exam during the semester and a final exam on Thursday, Dec. 10 at 10:00 –11:50 AM. Absolutely no make-up exams will be given without prior permission of the instructor. Validity of excuses is determined by the instructor. If an emergency happened on an exam day, a notice within 24 hours is required in order to make up the exam, which is missed. No calculators are allowed in midterms and final exams.

Grades: The course grade is based on the following weight:

Homework and Presentations:	50%
One midterm exam:	20%
Final exam:	30%

Accommodations for students with disabilities: CMU provides students with disabilities reasonable accommodation to participate in educational programs, activities, or services. Students with disabilities requiring accommodations to participate in class activities or meet course requirements should first register with the office of Student Disability Services (Park Library 120, telephone 989-774-3018, TDD # 2568), and then contact the professor as soon as possible.