

Modern Algebra
MATH 325W – Spring 2015

Monday: Chapter 12: Extension fields as vector spaces
Wednesday: Chapter 13: Automorphisms of fields
Friday: Review for Exam 2

Week 9

HOMEWORK

Homework #15

due Tuesday, March 31

Ch. 12: # 7, 11, 13

Homework #16

due Friday, April 3

Ch. 12: # 14, 18

Ch. 13: # 14, 18, 21

WRITING ASSIGNMENTS

On writing assignments, part of your grade will reflect the quality of your *style*. Style includes everything from the basic mechanics of writing (complete, grammatically correct sentences with capitalization and proper punctuation) to the conventions of writing mathematics developed in Linear Algebra.

Writing Assignment #8

due Wednesday, April 1

Ch. 12: #25, 32

Note: you can use the result from #20 even though you have not proved it.