MATH 6303 – Modern Algebra II – Spring 2019
Syllabus

Instructor: Dr. Gordon Heier

Contact Information:
Office: 666 PGH
Office Hours: M 3pm-4pm, or by appointment
Email: heier@math.uh.edu
Web: www.math.uh.edu/~heier and www.math.uh.edu/~heier/teaching.html

Lecture: MW 1pm-2:30pm in C 105

Prerequisites: Math 6302 or consent of the instructor

Exams: Midterm Exam: Wednesday, March 20, in-class (subject to change)
Final Exam: Monday, May 6, 2019, 2pm-5pm (subject to change)

Text: Abstract Algebra by David Dummit and Richard Foote, 3rd Edition

Homework in the form of problem sets will be assigned on a regular basis and will be
due as described on each set. Late homework will not be accepted.

Attendance: Attending classes and exams is mandatory for all students. Missing class
makes a student liable to missing important information. Substantial documentation is
necessary to receive any kind of excuse or make-up privilege.

Grades: The homework and midterm exam will each account for 30 percent of your
grade, the final exam for the remaining 40 percent.

Disability: If you think or know that you have a disability that needs special
accommodation, please see me at the beginning of the semester so that the proper steps
can be taken.

Academic Dishonesty will not be tolerated and dealt with appropriately.

Course Content: This is the second course in the two course sequence Math 6302-6303.

Topics likely to be discussed are: polynomial rings (Ch. 9), field theory (Ch. 13 and some
of Ch. 14), commutative rings and algebraic geometry (Ch. 15). A few additional topics
might also be covered, depending on time and audience interest.

UH CAPS Statement:

Counseling and Psychological Services (CAPS) can help students who are having
difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can
reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours
for routine appointments or if you or someone you know is in crisis. No appointment is
necessary for the “Let’s Talk” program, a drop-in consultation service at convenient
locations and hours around campus.

http://www.uh.edu/caps/outreach/lets_talk.html