Math 504 – 01
Algebra II

Spring 2017	MWF	9:40	-	10:40	a.m.	WH-309
Instructor:	Fernando Guzmán			WH-116		x-72876
	e-mail:			fer@math.binghamton.edu		
Office hours:	M	11:00	-	12:00	a.m.	
(subject to change)	T	4:30	-	5:30	p.m.	
	F	1:10	-	2:10	p.m.	
Textbook:	Abstract Algebra, 2nd. Ed.					
	Pierre Antoine Grillet					
	Springer					
Add/Drop deadline:	Friday	Feb.	06			
Grading:						
Homework	Fridays					50%
Midterm	Fri.	Mar.	17		(s.t.c.)	20%
Final Exam	Tue.	May	16		5:40 p.m.	30%

Both, the midterm and the final, will consist of a combination of: oral exam and written exam. The precise details and dates will be determined later in the semester.

- You are encouraged to discuss homework problems with classmates, but such discussions should not include the exchange of any written material.
- No problem should be discussed with anyone other than classmates.
- Collaborative work should be explicitly acknowledged in the handed-in homework.
- Writing of homework problems should be done on an individual basis.
- Outside references for material used in the solution of homework problems should be **fully** disclosed. References to results from the textbook and/or class notes should also be included.

It is our intention to cover major parts of:

- Chapter IV Field Extensions,
- Chapter V Galois Theory;
  some parts of:
- Chapter XIV Lattices,
- Chapter XV Universal Algebra,
  not necessarily in that order.

Students are assumed to be sufficiently familiar with:

- Group Theory,
- Commutative Rings,
- Vector Spaces, and
- Zorn's Lemma.