

**MATH. 467.001**

**FALL, 2009**

**TR 11:00AM-12:15PM YR 103**

**PREREQUISITE:** **MATH.369**

**INSTRUCTOR:** Dr. Leonid Stern

**OFFICE:** YR 343, Tel. 410 704-3596

**OFFICE HOURS:** M 9am-10am, TR 12:15pm-1pm

**TEXT:** *Abstract Algebra;*  
3<sup>rd</sup> Edition, J. Beachy and W. Blair (2006), Waveland Press Inc.

**SYLLABUS:**

Review	Extensions of Fields and Irreducibility 3.3, 4.3, 4.4
Chapter 6	Fields 6.1-6.5
Chapter 7	Structure of Groups 7.1-7.7
Chapter 8	Galois Theory 8.1-8.4
Chapter 9	Unique Factorization 9.1, 9.2

**HOMEWORK** will be assigned each class.

**TESTS:** There will be two tests on **October 6 (T), November 10 (T)**.  
Final exam: **December 15 (T), 10:15am - 12:15pm (YR 103)**.  
( *No make-up tests* )

The course grade will be computed by the following method:  
first test 30%, second test 30%, final exam 40%,.

<b>Range</b>	<b>Grade</b>	<b>Range</b>	<b>Grade</b>	<b>Range</b>	<b>Grade</b>	<b>Range</b>	<b>Grade</b>	<b>Range</b>	<b>Grade</b>
94-100	A	87-89	B+	76-79	C+	63-69	D+	0-54	F
90-93	A-	83-86	B	70-75	C	55-62	D		
		80-82	B-						

