**MATH. 369.002 Spring, 2015 MW 9:00am-10:50am YR 129**

**PREREQUISITE:** MATH 265, MATH 267, and MATH 274

**INSTRUCTOR:** Dr. Leonid Stern ( http://www.towson.edu/~stern/ ).

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

**OFFICE HOURS:** TR 10am-11am, W 11am-12 noon

**TEXT:**  *Abstract Algebra,* 3rd Edition

J. Beachy, W. Blair (2006), Waveland Press, Inc

**SYLLABUS:** Chapter 1 Integers 1.1-1.4 (review)

Chapter 2 Functions 2.1-2.3 (review 2.1, 2.2)

Chapter 3 Groups 3.1-3.8

Chapter 4 Polynomials 4.1-4.3

Chapter 5 Commutative Rings 5.1-5.4

**HOMEWORK** will be assigned each class. Problems assigned during a week will be collected on **Monday** the following week. ( ***No late homework will be accepted*** )

**TESTS:** There will be three tests on **February 9 (M), March 11 (W), April 22 (W).**

Final exam: **May 15 (F), 8am-10am (YR 129)**

( ***No make-up tests*** )

The course grade will be computed by the following method:

***homework 10%, first test 15%, second test 20%, third test 25%, final exam 30%.***

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| **Range** | **Grade** | **Range** |  | **Grade** | **Range** | **Grade** | **Range** | **Grade** | **Range** | **Grade** |
| 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- |  |  |  |  |  |  |