

## MATH 3613, 001, SPRING 2009, SYLLABUS

FACULTY: WEIPING LI  
OFFICE: MS 526; PHONE#: 405 - 744 - 5852  
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### 1. BASIC COURSE INFORMATION

**Prerequisites:** Math 3013.

**Textbook and Content:** *Abstract Algebra, An introduction* by Thomas W. Hungerford, BROOKS/COLE 1997, Second Edition. ISBN: 0-03-010559-5.

Basic Algebraic Structures, Elementary properties of Groups, Rings, Integral Domains, and Fields. The course is the first course for students to start using Logic and Set to properly prove any math-statement. **It is essential to write in clear and complete language the reasoning used in solving a problem. Answers along will not receive full credit.**

**Class Time:** 9:30-10:20am MWF, start on January 12, 2009.

**Class Room:** HES 331.

**Office Hours:** 8:30am-9:20am MWF. Highly recommended to take full and consistent advantage on my office hours. Feel free to call/email/fax me at any time or use D2L. Please do not hesitate to seek any appropriate out-of-class help from me in your efforts to master the subjects.

#### **SYLLABUS ATTACHMENT:**

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Spring.htm>

### 2. EXAMS, HOMEWORK AND GRADE

Your grade will be determined by the scores on the 3 fifty-minute tests each of which is worth 100pts. Homework is worth 200pts and the final exams is worth 100pts. Your final grade will be  $E's + HW + F$  :

510-600 as **A**; 450-509 as **B**; 390-449 as **C**; 330-389 as **D**; 0-329 as **F**.

The cutoff might be lower slightly at the end of the term, but this is not guaranteed. No makeup will be given. Your Exam score will be counted zero if you miss the exam.

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*Date:* January 9, 2009.

WWW address:<http://www.math.okstate.edu/~wli/>.

**First Exam:** February 20, 2009;

**Second Exam:** March 27, 2009;

**Third Exam:** April 24, 2009;

**Final Exam:** Monday May 4, 2009, 8:00am – 9:50am at HES 331.

2.1. **Attendance Policy.** Attendance is not a part of your grade in the course, but it is **VERY HIGHLY RECOMMENDED**. You are responsible for all material covered in class and all assignments. Experience has shown a definite correlation between poor class attendance and low grades.

2.2. **Main Office.** Main office of Math Department 401 MS, phone number: 405 – 744 – 5688. Fax number: 405 – 744 – 8275.

2.3. **Homework.** Please **DO THE HOMEWORK**. The purpose of homework is to provide a way for you to practice and get feedback on what you are doing. I suggest that you first read each section and try the assigned problems on your own. Then discuss your solutions with others in the class. **Finally re-read your solutions and make corrections as needed.** *Practice makes perfect.*

### 3. HOMEWORK

Will be assigned in week (Check on the web-page for more information).

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