

# MA 362: ELEMENTARY MODERN ALGEBRA II

## SPRING 2018

### SYLLABUS

Course	MA 362, Section 001
Meeting Times and Place	MWF 10:00-10:50 AM, CB 339
Instructor	Serge Ochanine
Instructor's Web Page	<a href="http://math.uky.edu/~ochanine">math.uky.edu/~ochanine</a>
Instructor's E-Mail	<a href="mailto:serge.ochanine@uky.edu">serge.ochanine@uky.edu</a>
Office Hours	MWF 2:00-3:00 PM and by appointment
Other Contact Information	<a href="http://math.uky.edu/~ochanine/contact.htm">math.uky.edu/~ochanine/contact.htm</a>

**Course Content** MA 362 is the second course of the undergraduate Modern Algebra sequence MA 361 - MA 362. It substantially depends on the material covered in MA 361. If you took MA 361 using a different text, please tell me as soon as possible.

**Learning Outcomes** By the end of the semester, MA 362 students are expected to know the main theorems and techniques covered in the course and be able to use them when and where appropriate. Successful students will be able to use these results in new situations and will demonstrate a degree of independent thinking.

**Textbook** John Beachy and William Blair, *Abstract Algebra*, 3d edition, Waveland Press, 2006

**Classwork & Homework** To succeed in the course you **must**:

- Attend and actively participate in every class

- Carefully read the relevant sections of the textbook
- Work on every assigned problem. This includes problems from the textbook and the problems discussed in class
- Actively work on improving your mathematical writing skills
- Actively seek help whenever you encounter difficulty with any aspect of the course

**Piazza** To encourage discussion and provide both peer and instructor help we will be using Piazza. The link to the Piazza site is <https://piazza.com/account/login> Although participation in Piazza is not required, it is meant to help you mastering the material and preparing for the exams. Please consider using it

**Exams** There will be two midterm exams and a comprehensive final exam. The dates and times are as follows:

- First Midterm Exam: Feb 16 , 10:00-10:50 AM, CB 339
- Second Midterm Exam: Mar 30, 10:00-10:50 AM, CB 339
- Final Exam: May 03, 8:00-10:00 AM, CB 339

These are the official dates and times of the exams. It is likely that the final exam will be a take-home exam. The midterm exams will be part in-class and part take-home.

**Grading** The course grade will be computed as follows:

- Each exam will represent 25% of your course grade
- The remaining 25% will be based on attendance, classwork, and homework
- The course letter grade will be determined according to the following scale:

%	Letter Grade
87.5 - 100	A
75.0 - 87.4	B
60.0 - 74.9	C
50.0 - 59.9	D
0.0 - 49.9	E

**Help** Please feel free to contact your instructor if at any time you have problems or questions related to the course. The course may be challenging to some students. I fully expect to see most of the students in my office quite often, and consider one-on-one discussions with the students an integral part of the teaching.

**Students with Disabilities** If you have a documented disability that requires academic accommodations, please see your instructor as soon as possible. In order to receive accommodations in this course, you must provide your instructor with a Letter of Accommodation from the Disability Resource Center. The Disability Resource Center coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at [drc@uky.edu](mailto:drc@uky.edu). To access their web site click [here](#).

**Academic Integrity and Cheating** Please see the University of Kentucky Policy on Academic Integrity and Cheating [here](#).