MAS 4302    FALL 2006    Syllabus for Topics in Algebraic Structures

Note: This syllabus is available online at http://www.fiu.edu/~ghezzil/teaching.html

Lecture: Tuesday and Thursday 12:30 PM to 1:45 PM in PC 425.

Instructor: Laura Ghezzi
Office: DM 415B
Phone: (305) 348-2029
E-mail: ghezzil@fiu.edu
E-mail is the best way to contact me.

Office hours: Tuesday 3:30 PM to 4:30 PM, Thursday 2:30 PM to 3:30 PM and by appointment.
I am usually available before and after class.


Prerequisites: MAS 4301 or its equivalent.

Grading: Your grade for the course will be based on the following:

Exam 1 (Thursday, September 28): 100 points.

Exam 2 (Thursday, November 2): 100 points.

Final Exam (Tuesday, December 12, 12:30-15:15): 150 points.
It will be comprehensive.

Homework: 100 points. Assignments will be announced in class.
Hw 1 (30 points): due Thursday 9/21
Hw 2 (30 points): due Thursday 10/26
Hw 3 (40 points): due Tuesday 12/05 (NOTE: moved to Thursday, 11/30)
Late homework will not be accepted.

Most of the questions I ask in the exams are closely related to the homework and to the examples shown in class.

There will be no ‘make–up’ exams. Unless a valid excuse (medical or family emergencies, University-related travel such as athletic or academic competitions) is presented in advance, a missed exam will receive the score 0. Students must look at this syllabus carefully and plan well ahead: personal travel is NOT a valid excuse. If a student misses an exam for a valid reason and provides written verification from an appropriate authority (not a family member), that percentage of the grade may be made up on the final. Students with conflicting final exam schedules may be allowed to take an alternate final, which is always given after the regularly scheduled final. No student will be allowed to take the final exam early. Note: use of calculators, books, notes, or electronic devices of any kind on exams is prohibited.

Grade-scale: The following percentages will guarantee the associated grade:
> 90 : A  80-85: B  65-75: C  <50: F
88-90: A-  78-80: B-  55-65: D
85-88: B+  75-78: C+  50-55: D-

Attendance: Attendance is expected and required. You are responsible for all material covered in class and all announcements made. The instructor reserves the right to make any changes she considers academically advisable. Any
changes in this syllabus will be announced during class meetings and students are responsible to be aware of them.

**Important Dates:**
See [http://www.fiu.edu/~register/calendars.htm](http://www.fiu.edu/~register/calendars.htm)

Friday, 11/3: Last day to drop a course with a DR grade
Thursday 11/23: Thanksgiving, no class

**Tentative Topics:**

This course is a continuation of MAS 4301. We will focus on Field Theory and Galois Theory: Sections 22, 23, 27, 29, 30, 31, 33, 48, 49, 50, 51, 53.