

**Ground Rules for Math 313**  
**Abstract Algebra**  
**Spring 2011**

**Course Meeting Times:** Tuesday/Thursday 11:30 - 12:45 Mundelein 508  
**Discussion Section:** TBA

**Instructor:** Anthony Giaquinto, Professor, Department of Mathematics and Statistics

- Office: 304 Loyola Hall
- Phone: 508-8520 (or 508-3558 to leave a message)
- Email: [tonyg@math.luc.edu](mailto:tonyg@math.luc.edu)
- Web Page: <http://tonyg.math.luc.edu/>
- Office Hours: Tuesday/Thursday 10:15 - 11:15 Wednesday 1:00 - 2:00 or by appointment

**Prerequisite:** Math 201 Elementary Number Theory and Math 212 Linear Algebra.

**Text:** Charles Pinter, *A Book of Abstract Algebra*, Dover Publications (2010), ISBN-0486474178

**Material to be Covered:** We will cover most of Chapters 1 – 16 of the text.

**Course Components:**

- **Homework:** There will be weekly homework assignments. Each homework set will include both computational and theoretical questions. Even though you may work in groups, everyone must submit his or her own paper. If you collaborate on the homework you must follow the following rules: (i) you must give the names of everyone you worked with and (ii) you must understand the material – whether you do or not will be evident from what you write. Be neat! If a paper is too painful to read then I won't read it. Under no circumstances will late homeworks be accepted. Your two lowest homework scores will be dropped.

- **Quizzes:** There will be two quizzes. The dates are tentatively set for Thursday, February 10 and Thursday, April 14.
- **Midterm Exam:** There will be one in-class exam on Thursday, March 17.
- **Final Exam:** The comprehensive final exam will be Tuesday, May 3 from 9:00 - 11:00am.
- **Note:** A portion of the exams and quizzes may consist of take-home problems.

**Grading:** Your grade will be determined using the following breakdown:

Homework	35%
Quizzes	20%
Midterm Exam	20%
Final Exam	25%
Total	100%

**Attendance/Missed Classes:** Attendance will not be taken, but since much of the learning will occur during class time, attendance is essential for success in this course. On a strictly limited and pre-approved basis, a student may be allowed to miss a class in order to participate in a University-sponsored event. This situation normally includes only such events as official athletic games, Loyola-sponsored events, or serious illness documented with a doctor's note. It is the student's obligation to inform the instructor of such an authorized absence in a timely fashion. If the absence falls on a quiz or exam day and is authorized, then, at the instructor's discretion, either a make-up quiz or exam will be scheduled or the other regularly scheduled quizzes or exams will count more heavily for the final average.

**Getting Help:** There are various ways for getting help in this class. If you don't understand something in class, please ask. Chances are somebody else in class is also confused about the same point. When you don't understand something outside of class, please come to office hours, we are here to help! *A very good way to get a question answered is email; feel free to email Dr. Giaquinto anytime with any question about the reading, homework assignment, or any aspect of the course. A response will be sent as quickly as possible.*

**Academic Integrity:** Students are responsible to inform themselves of University policies regarding the Code of Academic Integrity. Students found to be in violation of the Code are

subject to penalties ranging from a loss of credit for work involved to a grade of F in the course, and possibly risk of suspension or probation. The Code of Academic Integrity will be enforced in all areas of the course. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see

[http://www.luc.edu/academics/catalog/undergrad/reg\\_academicintegrity.shtml](http://www.luc.edu/academics/catalog/undergrad/reg_academicintegrity.shtml).

**Expectations:** I expect that everyone will maintain a classroom conducive to learning. I like an informal atmosphere, but it must be orderly. Thus, everyone is expected to behave with basic politeness, civility, and respect for others. In particular, talking in class is permissible only if it's part of a class discussion or with me. Private communications are never appropriate, nor are reading extraneous materials, using electronic equipment (laptops, mobile phones, etc.), or sleeping. Please have cell phones turned to the silent mode before class begins. Water, soft drinks, coffee and other appropriate beverages are allowable. Light snacks are acceptable as long as their consumption does not interfere with the class proceedings. Please do not consume multi-course meals during class.

**Suggestions:** Suggestions for improvement or concerns about any aspect of the class are welcome at any time. Feel free to bring any suggestion or concern about the course to my attention at any time.