**GENERAL COURSE INFORMATION**

**Time and Place:** MWF 10:10-11:00, RCK 122,

**Instructor:** Dan Barbasch, 543MT, 255-3685, dmb14@cornell.edu,
**Office Hours:** MW 1:30-2:30, R12:25-1:25, or by appointment.

**TA:** Theodore Hui, 105MT, 255-9351
hh535@cornell.edu,
**Office Hours:** TR 10:00-11:30, MT218

Math 3320 is an introductory junior level course in Number Theory. The text is *A. Adler, The Theory of Numbers* available at the Cornell book store. We will cover Chapters 1-3, 5, 7, 8 and parts of 9-11 as time permits.

**Course organization.** The format is three lectures a week. The MW lectures will cover new material, F will often be devoted to problem solving.

**Registration.** Your instructor cannot sign someone into or out of a course or section of a course. This is done in 310A Malott Hall.

**Grading.** Course grades will be determined on the basis of homework, participation, one midterm and a final.

- HW/Participation/Quizes ..................30 points
- Midterm ........................................30 points
- Final Exam ....................................40 points

The midterm and final will be in class.

**Homework** and quizzes are due each Friday. A sample will be graded each week. You may ask the instructor and TA for help with the homework, but **must** write up the solution yourself. There are many web sites which answer questions about number theory; we will monitor them. If you use one of them, you must acknowledge it.

**Cornell's academic code will be strictly enforced.**

Please check the Cornell web sites for the last day for making changes to a course registration. Similarly for the last day for dropping a class without penalty.

**Course Web Page:**
http://www.math.cornell.edu/~barbasch/courses

This web page contains course outline, homework, various deadlines, as well as sample exams and solutions. In addition there will be last minute announcements, corrections and other relevant material such as course notes.