

## Course Information

**Professor:** Pramod N. Achar  
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**Office hours:** Mon. 10:00–11:00am & Thurs. 1:30–2:30pm  
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**TA:** Andrew Alaniz  
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**Office hours:** Wed. 3:00–4:00pm

If you cannot make it to my office hours, you may arrange to meet with me at another time by appointment.

**Textbook.** The required textbook for the course is

John Stillwell, *Elements of Number Theory*. Springer-Verlag, New York, 2003.

We will aim to cover most of Chapters 1–9 (roughly a week and a half per chapter).

**Homework.** Problem sets will be assigned and posted on Moodle roughly once a week. Most homework questions will involve proofs. Please write your solutions in complete sentences. I will not accept late homework, but I will drop your lowest homework grade.

**Exams.** There will be two 50-minute in-class exams and a two-hour comprehensive final exam. The dates of the exams are given below. If there is any circumstance that may prevent you from taking an exam on the scheduled date, you must discuss it with me *in advance*.

Mid-Term Exam 1: Friday, September 23  
Mid-Term Exam 2: Friday, October 28  
Final Exam: Friday, December 9, 3:00pm–5:00pm

**Grading.** The final grade will be determined as follows:

Homework: 30%  
Mid-Term Exams: 40% (20% each)  
Final Exam: 30%

I typically curve course grades based on the performance of the class. Of course, 90% is guaranteed to be an A, 80% is guaranteed to be at least a B, etc.

**Academic integrity.** High standards of academic integrity are crucial for the University to fulfill its educational mission. In view of this, please keep in mind the following guidelines:

- **Homework.** If you work together with other students, please indicate their names on the homework you hand in. If you consult other sources, such as Internet forums or other textbooks, you must acknowledge these as well. But in all cases, the solutions you hand in must be written in your own words. No credit will be given for solutions copied verbatim from another source.
- **Exams.** You may not communicate with other students by any means during exams, and you may not use any supplementary materials (notes, books, or electronic equipment). Students suspected of violating this policy will be referred to the Judicial Affairs division of the Office of the Dean of Students.

**Students with disabilities.** If you have a disability that may have some impact on your work in this class and for which you may require accommodations, please see a staff member in the Disability Services office (115 Johnston Hall) so that such accommodations can be considered. If you have an accommodation letter, please meet with me to discuss the provisions of those accommodations as soon as possible.