

MAT 541
Introduction to Number Theory
Spring 2013

Instructor: Professor Jeffrey Meyer, 206F Carnegie
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Office Hours: W 10:00 – 11:30 am, TTh 12:45 – 1:30 pm, and by
appointment.

Text: *Number Theory*, by George Andrews, Dover Publications.

About This Course: This course is a first course in number theory. The text serves primarily as a back-up reference for the material in the course. The material presented in class will not necessarily correspond to particular chapters of the book. There will be additional topics presented by the instructor and other number theoretic digressions. The work you do for the course will include solving problems with applications from the material and writing proofs of claims.

Prerequisite: MAT 275 and MAT 331, or permission of instructor.

Grading: Your grade will be based on the following.

One mini-exam	10%
Two mid-term exams	22.5% each
Comprehensive final exam	30%
Homework	15%

Exam Dates: Tentative schedule:

Exam 0.5	Thursday, January 31, 2013
Exam 1	Thursday, February 21, 2013;
Exam 2	Tuesday, April 23, 2013;
Final Exam	Friday, May 3, 2013, 5:15 – 7:15 pm.

Homework and Exam policies: There will be no make-up exams. As per departmental policy any exam missed for a valid, either documented or approved reason will be made up with the relevant portion of the final exam. Late homework will not be accepted for credit. The lowest single homework score will be dropped.

Students with Disabilities: If you believe that you need accommodations for a disability, please contact the Office of Disability Services (ODS), <http://disabilityservices.syr.edu>, located in Room 309 of 804 University Avenue, or call (315) 443-4498 for an appointment to discuss your needs and the process for requesting accommodations. ODS is responsible for coordinating disability-related accommodations and will issue students with documented disabilities Accommodation Authorization Letters, as appropriate. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible. You are also welcome to contact me privately to discuss your academic needs although I cannot arrange for disability-related accommodations. Making arrangements with ODS takes time. Do not wait until just before the first test.

Academic Integrity: The Syracuse University Academic Integrity Policy holds students accountable for the integrity of the work they submit. Students should be familiar with the Policy and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see <http://academicintegrity.syr.edu> .