MAT 600
Topics in Number Theory
Summer Session I 2013

Instructor: Professor Jeffrey Meyer, 206F Carnegie
443-1479 or 443-1473
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Office Hours: T, W 8:30-9:30 am, and by appointment.

Text: ***Introduction to Analytic Number Theory*****, by Tom M. Apostol, Sixth Edition**

Course Description: Topics included: Introduction to analytic methods; arithmetic functions and their average value; elementary prime number theory; Dirichlet series and Euler products; elementary partition theory; continued fractions; other topics as time allows.

Prerequisite: MAT 541 or equivalent course, or permission of instructor.

Grading: Your grade will be based on the following:

Two mid-term exams	20% each
Comprehensive final exam	30%
Homework	30%

Exam Dates: Tentative schedule:

Exam 1	Wednesday, June 5, 2013
Exam 2	Thursday, June 20, 2010
Final Exam	Thursday, June 27, 2013, 10:00 – 11:45 am

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://academic integrity.syr.edu

Course Supervisor: Prof. A. Vogel 229F Physics, x1584
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Please inform your instructor of any problems you have with this course. Problems not satisfactorily resolved with your instructor should be brought to the attention of the Course Supervisor without delay.