MAT 541
Introduction to Number Theory
Spring 2009

Instructor:	Professor Jeffrey Meyer, 206F Carnegie
	443-1479 or 443-1473
	jlmeye01@syr.edu
Office Hours:	W 10:00 – 11:30 am, TTh 12:30 – 1:30 pm,
	and by appointment.

Text: *Elementary Number Theory*, **by David M. Burton, Sixth Edition**

Course Description: This course is a first course in number theory. The course will cover at least Chapters 2, 3, 4, 5, 6, 7, and 9. There will be additional topics presented by the instructor. 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:

Two mid-term exams	25% each
Comprehensive final exam	35%
Homework	15%

Exam Dates:	Tentative schedule:	
	Exam 1	Tuesday, February 17, 2009
	Exam 2	Thursday, April 25, 2009
	Final Exam	Friday, May 1, 8:00 – 10:00 am