

MATH. 465.001

SPRING, 2009

MW 12:00-1:15PM

YR 126

PREREQUISITE: MATH.369

INSTRUCTOR: Dr. Leonid Stern (<http://www.towson.edu/~stern/>).

OFFICE: YR 343, Tel. 410 704-3596

OFFICE HOURS: MW 11:00am-12:00
Th 10:00am-11:00am

TEXT: "Elements of the Theory of Numbers"
J.B. Dence and T.P. Dence, 1998, Harcourt/Academic Press.

SYLLABUS: Chapter 3	An Introduction to Congruences 3.1-3.8, 3.10 and 3.11
Chapter 4	Polynomial Congruences 4.1-4.6
Chapter 5	Primitive Roots 5.1-5.5
Chapter 6	Residues 6.1-6.6
Chapter 7	Multiplicative Functions 7.1, 7.2, 7.6
Chapter 8	Representation Problems 8.1, 8.2
Chapter 9	An Introduction to Number Fields 9.1-9.7

HOMEWORK will be assigned each class.

TESTS: There will be two tests on **March 9 (M), April 27 (M)**.
Final exam: **May 13 (W), 12:30PM- 2:30PM (YR 126)**.
(No make-up tests)

The course grade will be computed by the following method:
first test 30%, second test 30%, final exam 40%, .

Range	Grade	Range	Grade	Range	Grade	Range	Grade	Range	Grade
94-100	A	87-89	B+	76-79	C+	63-69	D+	0-54	F
90-93	A-	83-86	B	70-75	C	55-62	D		
		80-82	B-						

