

MA111 Syllabus
Introduction to Contemporary Mathematics
Fall 2008

Instructor: Yuan Li
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Office Hours: MW: 1:00pm-2:00pm at POT 802
 Wednesday 2:00-3:00 at Mathskeller
 or by appointment

Course Description: An introduction to concepts and applications of mathematics, with examples drawn from such areas as voting methods, apportionment, consumer finance, graph theory, tilings, polyhedra, number theory, and game theory.

This course is not available for credit to persons who have received credit in any mathematics course of a higher number with the exceptions of MA 112, 123, 162, 201 and 202. This course does not serve as a prerequisite for any calculus course. Credit not available on the basis of special examination.

Prereq: Two years of high school algebra and a Math ACTE score of 19 or above, or MA 108R, or math placement test.

Textbook: *Excursions in Modern Mathematics with Mini-Excursions, custom edition for the University of Kentucky*, 2008, by Peter Tannenbaum

Class Times: Section 009, MWF 9:00am – 9:50am, CB 239
 Section 011, MWF 12:00pm – 12:50pm, CB204

Grading: The standard 10% scale will be used, i.e., 90%-100%-A, 80%-89%-B, 70%-79%-C, 60%-69%-D, below 60%-E .

The grades will be based on the followings:

20%	Test 1	(Oct 3 Friday in class)
20%	Test 2	(Nov 5 Wednesday in class)
20%	Final Exam	(TBA)
35%	Homework	
5%	Attendance	

Please note that the final is not cumulative

Homework: Homework will be assigned once a week.

Attendance: You are expected to attend every class.

Mathskeller: Mathskeller is located in CB 63, which is close to the loading dock in the basement of White Hall Classroom Building. See <http://www.mathskeller.com> for hours of operation and directions.

Cheating: The minimum penalty of cheating on the exam is a failing grade in the course. Working together on homework is highly encouraged, but copying answers directly is considered cheating.

Tentative Schedule: We will cover chapter 1, 2, 5, 6, 9, 10 and mini-Excursion 3

Important Dates: Last day to add: Sep 3
Last day to drop: Sep 17
Last day to withdraw: Nov 7
Labor Day: Sep 1
Election Day: Nov 4
Thanksgiving Break: Nov 26-29
Last day of Classes: Dec 12



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