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
Need a math tutor?

Students enrolled in UK's Math 111 will have free access to a Tutoring Center provided by the publisher!

Study support available when you need it the most!

1) Personalized tutoring – Get one-on-one help with all of the concepts found in your text.

2) Easy to reach – Contact the Tutor Center by phone, fax, email, or set up a “white board” interactive web session.

3) Open during the evening -- Got a day job? Prefer to study at night? No problem. The Tutor Center is open late when many students study—from 5pm to Midnight, Sunday through Thursday.

4) They have the book right there! -- The tutors will guide you through all of the concepts, examples, and illustrations exactly as they appear in the text.

5) All of the tutors are experienced college teachers – The tutors are dedicated to helping you succeed and can adapt to your unique learning style.

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