MA 111 Syllabus

Course:	MA 111: Introduction to Contemporary Mathematics
Section:	008
Class:	MWF 8:00-8:50 AM, CB 239
Instructor:	Serge Ochanine (257-8837, POT 837)
Office Hours:	MWF 1-2 PM and by appointment
WWW:	www.ms.uky.edu/~ochanine/085/ma111/ma111.htm

Course Content and Prerequisites This course explores mathematical methods in a series of applied areas, such as Mathematics of Voting, Mathematics of Management, Mathematics of Population Growth, and Mathematics of Finance. The 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. The course does not serve as a prerequisite for any calculus course. Credit is not available on the basis of special examination.

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

Text We will be using the book "Excursions in Modern mathematics" by Peter Tannenbaum (Custom Edition for the University of Kentucky).

Attendance Attendance is required. 5% of your final grade depends on your attendance. Repeated unexcused absences will result in lower attendance grade.

Homework and Quizzes You will be regularly assigned homework problems (both even- and odd-numbered). Some of the even-numbered problems will be graded. Occasional quizzes based on the homework problems will be given.

Exams There will be three exams, two midterms and one final:

- Exam 1: week of September 29 – October 3
- Exam 2: week of November 3 - 7
- Exam 3: finals week

The last exam will not be cumulative, although it could be longer than the first two.

Grading Your final grade will depend on the Homework (20%), Quizzes (15%), Exams (20% each), and attendance (5%). The letter grade will be given according to the standard 10% scale (90% - A, 80% - B, and so on).

Important dates

- Last day to add: Sep 3
- Last day to drop: Sep 17

- Last day to withdraw: Nov 7
- Labor Day: Sep 1 (no classes)
- Election Day: Nov 4 (no classes)
- Thanksgiving Break: Nov 26-29 (no classes)
- Last day of classes: Dec 12

Cheating Cheating on any graded assignment or test is a serious academic offense and will be fully prosecuted. Talking or using any electronic device (cell phone, laptop computer, etc.) other than a calculator during a test will be considered cheating regardless of the intention.

Help and Conflicts Don't hesitate to talk to your instructor about any difficulty you may encounter in this course. If you have a conflict with the instructor and you feel that an exterior intervention is necessary to resolve the conflict, the first person to contact is Dr. Jakayla Robbins, Director of Service Courses (POT 767, 257-4802).