Instructor: Dr. Elena Kravchuk, e-mail: kravchuk@math.uab.edu  phone: 934-2119 (Dep. of Math.)
website: http://www.math.uab.edu/kravchuk

Time: M/W/F  1:00 p.m. – 3:00 p.m.  Room: CH 435

Office location: CH 459B

Office Hours: M/W:  11:10 a.m. – 12:10 p.m.  CB15- 112,  
                    Friday:  12:00 p.m.  - 1:00 p.m.  CH 459B  (other hours by appointment)

Course Description: (4 semester hours) Elementary functions from algebraic, geometric (graphical), and numerical points of view, including polynomial, rational, exponential, logarithmic, and trigonometric functions; inverse functions; quadratic and rational inequalities; complex and real roots of polynomials; applications and modeling, both scientific and business. A fast-paced course designed as a review of the algebra and trigonometry needed in calculus. Course contains MAPLE laboratory component.


Prerequisite. Grade of “C” or better on MA-102. Beginning freshmen must meet Math Screening requirements (see ACT Math Subscore/GPA Grid), transfer students must have an appropriate score on the Advanced Screening Test in order to be eligible for MA 107.

Objectives. The goal of this course is to provide students with the background necessary for calculus sequence MA 125-129-227.

Assessment Procedures. Student achievement will be assessed by any or all of the following measures: graded homework and/or short quizzes (3-4), 3 MAPLE lab projects, 3 major tests and the comprehensive final exam. A numerical grade is given on each item.
Grading policy. Student achievement on the items assessed will be used to determine the final course grade. The percentage of the final numerical grade (0-100 scale) each item counts will be as follows: homework (15%), quizzes (10%), MAPLE labs (10%), three major tests (30%), final exam (35%). Final course letter grades are assigned traditionally: A (90-100), B (80-89), C (70-79), D (60-69), F (below 60).

Make-up tests policy. No make-up tests unless the student has document from a doctor to excuse the missing of the test. In that case the student will have the opportunity to write the test during the last week before the final exam.

Homework. 8-9 individual homework assignments must be submitted on-line and will be graded electronically. Additional exercises from the textbook will be recommended. The student’s progress on doing homework will be evaluated weekly.

Help Centers. Free assistance is available in Study Hall CB15 128 and CHC CB15 112 (see schedule).

Important Dates.

- Withdrawing From This Course. A student may withdraw from a course and receive a grade of “W” up to including July 12, 2005. It is the student’s responsibility to turn in the required form to the registrar’s office before the deadline. The student does not need the instructor’s signature to withdraw.
- Classes begin/end: June 1/August 3
- No classes on July 4
- Final exam: August 5

Disability Support Services (DSS). DSS offers tutoring and special accommodations to students who qualify.

Final Exam: Friday, August 5, 4:30 p.m. – 7:00 p.m.
On-line Homework (General Instructions)

Initial Login
1. In your browser, type and go to http://ilrn.com.
2. Click First Time Users.
3. If your school is not loaded in the School field (under the PIN code field):
   
   (a) Click Find your School in the bottom sentence.
   
   (b) In the Name of School field, type the first few words of your school’s name (University of Alabama at Birmingham), then click Search. A list of schools will appear on the right.
   
   (c) Click your school to load it.

4. If your school is loaded in the School field, then do the following:
   
   (a) In the Content or Course Access Code field, type the PIN code given to you by your instructor. The PIN code is case sensitive, so type it exactly as it appears (all upper case).
   
   E-292UKDMAXBX8C

   (b) In the Email Address field, type your e-mail address.
   
   (c) Click Submit.
   
   (d) In the Password field, create your own Password.
   
   (e) Click Submit.
   
   (f) On the Information page, fill in all fields marked by an asterisk.
   
   (g) Click Register and Enter iLrn.

Subsequent Logins
1. In your browser, type and go to http://ilrn.com.
2. Click Login.
3. If you are using a computer in which someone has already logged in to the BCA site (say, in the lab CB15 112), your school should automatically appear on the login page. If it does not appear, then follow steps 3(a)-(c) above.
4. Type in your Username (i.e., Login name – your e-mail address) and Password; then click Login. You are then taken to your My Assignments page.