MATH 140: Precalculus Mathematics
Textbook: Precalculus, Graphing, Data and Analysis, Sullivan & Sullivan
Instructor: George Voutsadakis
Office: CAS 206J
Phone: 635-2667
Email: gvoutsad@lssu.edu
URL: http://pigozzi.lssu.edu/WWW/TEACH/LSSU/F05/LSSU140F05/LSSU140F05.html
Office hours: MTWRF 1:00-1:50

    From the Catalog: Basic theory of functions, including polynomial, exponential, logarithmic and trigonometric functions. Inequalities. Analytic Geometry, plane trigonometry and vectors. Complex numbers. Systems of linear equations, matrices and determinants.

    Prerequisites: Two years of high school algebra and equivalent/satisfactory score on ACT or Placement Exam, or MA092 with a grade of C or better, and one-half year of high school trigonometry or MA108 with a grade of C or better is strongly recommended. This course will not count toward a major or minor in mathematics.

    Course Objectives: Identify, perform operations on and use a variety of functions, including polynomial, rational, exponential, logarithmic and trigonometric functions. Graph a variety of functions and use graphs. Use both rectangular and polar coordinates for graphing. Discuss arithmetic and geometric sequences and use them for problem solving.

SYLLABUS FOR FALL 2005: MTWRF 12:00 - 12:50

Week	Date	Monday	Tuesday	Wednesday	Thursday	Friday
1	8/29	1.1, 1.2	1.3, 1.4	1.6, 1.7	1.7, 1.8	Review
2	9/5	BREAK	BREAK	2.1	2.2	2.3
3	9/12	Review	3.1	3.2	3.3	3.4
4	9/19	Review	Exam 1	4.1	4.2	4.3
5	9/26	4.4	Review	5.1	5.2	5.3
6	10/3	5.4	5.5	5.6	Review	Exam 2
7	10/10	6.1	6.2	6.3	6.4	6.5
8	10/17	6.6	Review	7.1	7.2	7.3
9	10/24	7.4	7.5	7.6	Review	Exam 3
10	10/31	8.1	8.2	8.3	8.4	8.5
11	11/7	8.6	8.7	8.8	Review	Review
12	11/14	9.1	9.2	9.3	9.4	Review
13	11/21	Exam 4	10.1	BREAK	BREAK	BREAK
14	11/28	10.2	10.3	10.4	10.5	10.6
15	12/5	Review	Review	13.1	13.2	13.3

Final Exam: Week of December 12-16. Please Check!