



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/S05/LSSU140S05/LSSU140S05.html>

Office hours: MTRF 1:00-1:50, W 10:00-10:50

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 SPRING 2005: MTWRF 12:00 - 12:50

Week	Date	Monday	Tuesday	Wednesday	Thursday	Friday
1	1/10	1.1, 1.2	1.3, 1.4	1.6, 1.7	1.7, 1.8	Review
2	1/17	2.1	2.1	2.3	Review	3.1
3	1/24	3.2	3.3	3.4	Review	Exam 1
4	1/31	4.1	4.2	4.3	4.4	Review
5	2/7	5.1	5.2	5.3	5.4	5.5
6	2/14	5.6	Review	Exam 2	6.1	6.2
7	2/21	6.3	6.4	6.5	6.6	Review
8	2/28	BREAK	BREAK	BREAK	BREAK	BREAK
9	3/7	7.1	7.2	7.3	7.4	7.5
10	3/14	7.6	Review	Exam 3	8.1	8.2
11	3/21	8.3	8.4	8.5	8.6	8.7
12	3/28	8.8	Review	Review	9.1	9.2
13	4/4	9.3	9.4	Review	Exam 4	10.1
14	4/11	10.2	10.3	10.4	10.5	10.6
15	4/18	Review	Review	13.1	13.2	13.3

Final Exam: Week of April 25-29. Please Check!