



MATH 325: College Geometry

Textbook: Geometry Revisited, H.S.M. Coxeter and S.L. Greitzer

Instructor: George Voutsadakis

Office: CAS 206J

Phone: 635-2667

Email: gvoutsad@lssu.edu

URL: <http://pigozzi.lssu.edu/WWW/TEACH/LSSU325S03/LSSU325S03.html>

Office hours: MTWRF 4:00 - 5:00

From the Catalog: Selected topics in geometry, including some or all of the following: Modern elementary geometry, transformations, Euclidean constructions, dissection theory, projective geometry, introduction to non-Euclidean geometry and problems in foundations of geometry.

Prerequisites: MA 152 and MA 215 with a grade of C or better.

Course Objectives:

The students taking this course will learn about points and lines connected with a triangle, properties of circles, collinearity and concurrence and transformations in Euclidean geometry and, time permitting, will get familiar with the basic principles of projective geometry.

SYLLABUS FOR SPRING 2003: TR TBA

Week	Tuesday	Thursday
1	1.1 – 1.2	1.3 – 1.4
2	1.5	1.6
3	1.7	1.8
4	1.9	EXAM 1
5	2.1	2.2
6	2.3	2.4
7	2.5	EXAM 2
8		
9	2.6	2.7
10	2.8	2.9
11	3.1	EXAM 3
12	3.2	3.3 – 3.4
13	3.5	3.6
14	3.7	EXAM 4
15	3.8	3.9

Final Exam: TBA