Course Syllabus

Course: Math 423/Math 423G Geometry II (3 hours)

Section: 500

Instructor: Dr. Wanda Weidemann Department of Mathematics
Office: 314 Phone: 745-6211

Prerequisites: Math 323

Description: An axiomatic development of plane hyperbolic geometry, which presupposes a development of absolute geometry.

Text: Roads to Geometry (2nd edition) by Edward C. Wallace and Stephen F. West

Outline: Sections 2.7, 3.5, 3.6, 5.5, 6.1-6.9, and 7.1-7.4

Attendance: You are expected to attend every class. In cases of illness or emergency, the student is responsible for contacting the instructor regarding any work that was missed. A student will not be allowed to make up any missed examinations unless he/she contacts the instructor in advance with a valid reason for the absence.

Office Hours:

Grading: Grades will be based on the following:

2 one-hour examinations at 100 pts. each. .................
... 200
Final examination worth 150 points .....................
.. 150
Classroom presentations, homework, quizzes
Points vary
To compute the grade, a student should divide the total number of points he/she has accumulated and divide that number by the number of points that were possible.

Grades will be assigned based on the following scale:

90% - 100% A
80% - 89% B
70% - 70% C
60% - 69%  D
Below 60%     F

**Math 423G**  Graduate students enrolled in Math 423G will be required to do a research paper in addition to the work done by undergraduate students.

**Math 590**  Graduate students enrolled in Math 590 will be required to do a research paper and a presentation in addition to the work done by undergraduate students.