MATH 2360Q-002 Fall 2015 Syllabus

Alan Parry

Course Description

Course Description: A fresh look at geometry, old and new. Euclidean and non-Euclidean geometries are examined from from different perspectives. Topics may include symmetries, the role of the parallel postulate and some topics from 19th and 20th century geometry, e.g. fractals and knots.

Course Prerequisites: MATH 1121(113), 1126, or 1131(115).

Required Textbook: Foundations of Geometry, by Gerard A. Venema, 2nd edition

Final Exam Due: Tuesday, December 15 at 12:30pm in my office (MSB 222)

Homework

Homework problems will be assigned weekly and will usually be collected on Thursdays. You will receive an additional 10% on your score if you write your solutions using LaTeX. Late homework will NOT be accepted except for unusual circumstances, and in that case, only if I have been notified beforehand and approve of a new due date. For all of the homework, you are strongly encouraged to work together, but your work and proofs should be in your own words. If you need help, please utilize my office hours as well as the services of the Q Center when available.

Exams

Midterm Exams: There will be two Midterm exams. They will be take-home exams given on Thursday, October 1 and Thursday, November 12 and in each case will be due the following Tuesday. No makeup exams will be offered. If you have a valid reason for missing the exam and notify me beforehand, I will use your final exam grade as your grade for your missed exam (effectively increasing the amount of your grade the final exam encompasses).

Final Exam: The final exam will be take home and given out the last day of class. The final exam is due in my office on Tuesday, December 15 by 12:30pm. No make up will be given for the final exam or provision made for those who miss it except within accordance to university policy concerning the missing of a final examination. A request to reschedule the final exam is generally only granted to someone who has an approved extenuating circumstance. If the conflict is known in advance, notice must be given well in advance of the final exam. Please see the DOS website for more information.

Grade Distribution

Scores for assignments and exams will account for the following portions of your final grade.

20%	Homework
25%	Midterm 1
25%	Midterm 2
30%	Final Exam

However, to make grading more convenient, I have designed the course grading so that a point on a homework may not necessarily equal a point on a midterm exam or final.