Math 2360: Geometry, Spring 2011

Location: MWF 11:00am~11:50am in MSB 415

Instructor: Weidong Yin
Office Hours: 2:00pm~3:00pm MWF or by appointment;
Office: MSB M232
E-mail: weidong.yin@uconn.edu
Phone: 860-486-1282

Announcement:
Solution to the final.
Curve for the course.

Textbook: *Geometry from Euclid to Knots (1st Ed.) by Stahl.*
Description: A fresh look at geometry, old and new. Euclidean and non-Euclidean geometries are examined 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. There is a strong emphasis in the course on understanding definitions and on reading and writing mathematical proofs, on paying attention to the details of reasoning and on using phrases and sentences accurately. All material from class or the assigned sections of the text is examinable. You are expected to read the material before class. To do so, you should refer to the class schedule. This version is preliminary and subject to change. Work hard, read the book - text and exercises, including the unassigned ones, think about the material, have discussions with your classmates, and ask questions of the instructor.

Prerequisite: MATH 1121(113) or 1131(115) or 120. MATH 1121(113) may be taken concurrently.

Homework: Suggested homework will be assigned every week. It is due on the following Monday. Expect to spend many hours working on homework. Late homework will not be accepted;

Exams: There will be two in class mid-term exams and a final exam. The sections to be covered on each exam will depend on progress in lecture and so will be announced in class.

Grade: Grades will be determined by your performance on the two in-class tests, homework sets (many exercises ask you to create and write up proofs), and the final exam. *No special favors for students who need to get a particular grade in this course in order to qualify for admission to the School of Education or who don't have the required mathematical background, or who want to fulfill the minor.*

Homework	20%

Exam 1	20%
Exam 2	20%
Final	40%

Make-up and Attendance Policies: Makeups for exams will be given only for medical reasons or school approved absences. In either case arrangements must be made before the exam, no exceptions. For medical cases, an email will suffice, however documentation must be provided on the first day back. Beyond that the exam cannot be made up.

Tentative Schedule: