Goals: The primary goal of this course is to understand geometry from different viewpoints, both classical and modern. Another goal is to learn how to write concise but complete arguments.

Required textbook: The Four Pillars of Geometry by John Stillwell. The textbook is available online through CSI library (click on "Find it" link, needs CSI library login). You must also buy an (inexpensive) compass and ruler.


Homework & Quizzes: Homework problems will be announced in class, sometimes referring to this website. It is very important to do the homework to understand the topics covered in the class. I highly recommend working jointly on homework problems with fellow students. We will have quizzes based on the homework. You are expected to be familiar with high-school geometry; for review, see www.mathopenref.com, a free online math textbook for high-school geometry.

Exams: We will have two exams during the semester and a final.

Grading: The course grade will be determined as follows: 10% Homework and quizzes, 25% Exam 1, 25% Exam 2, 40% Final Exam.

Help: My office hours are on Mondays and Wednesdays 3 - 4 pm, in my office, 1S-230. Email is the fastest way to contact me.

Optimal Method of Study: (1.) Come to class (attendance is mandatory). (2.) Read the relevant sections and websites after class. (3.) Do the homework. Leave time to think--do not put homework off until it is due! (4.) Compare your solutions with other students. (5.) Come to office hours or email with any questions.