

# Geometry

**MTH 329 Section 6952 Spring 2013**

**Monday & Wednesday, 4:40 pm - 6:20 pm, Room 1S-105**

**Instructor:** [Abhijit Champanerkar](#)

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**Office Hours:** Monday & Wednesday 3 - 4 pm

**Class Homepage:** <http://www.math.csi.cuny.edu/abhijit/329/>

**[Academic Calender](#)**

**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.

**Recommended additional textbook:** [The Shape of Space, Second Edition, by Jeff Weeks](#).

**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](http://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.