Math 623 (Geometry for Secondary Teachers)  

Time and Place  
M, W 6:30 pm - 10 pm, 1S-114, June 2 - July 21, 2008.

Professor  
Zeno Huang  
Contact info:  1S-208, xDOCK, huangz@mail.csi.cuny.edu  
Office Hours:  M: 5:30-6:29 pm; W: 5:30 - 6:29 pm Office; and/or by appointment.

Textbook  
Introduction to Geometry by H.S.M. Coxeter, 2nd edition, Wiley, 1989 ($75 at amazon.com)  
also recommend: Euclidean and Non-Euclidean Geometry, an Analytic Approach by Patrick J. Ryan, Cambridge Press, 2006; (as low as $15 at amazon.com)

Course Outline  
We will review plane Euclidean geometry, discuss the properties of axiomatic systems, and reprove major theorems of Euclid. We will also study the concept of parallelism and its history and consequences: non-Euclidean geometries.

Course Grade  
The final course grade is determined according to the following scheme (all dates subject to change):

Daily Quiz 40%
Weekly Homework 40%
Final Exam 20%

Class Policies  
To help everyone, please adhere to the following policy:

- Cell phone use is strictly prohibited. Please turn off your cell phones.
- Newspaper reading after 6:30pm is equally prohibited.
- Please be as quiet as possible during class or if you come in late.
- Please inform the professor in advance if you have to leave early.

Thank you for your help!

Regular Homework Sets  
Regular homework is to be collected every week. This component counts as 40% of your course grade.

Quizzes  
You should expect a short quiz every class. No makeup quizzes will be given; This component counts as 40% of your course grade.

Exam  
There is a final exam. It will be an open-book exam, or a presentation of selected problems. This component counts as 20% of your course grade.

Last but not least!  
Some words of advice:

- We strongly recommend that you attend all lectures. Experience shows that students that attend class perform significantly better in the course.
- Start all assignments early – ask questions early. We cannot guarantee that we will be able to answer last-minute questions.
- The professor is here to help you. Please do not hesitate to contact us, earlier rather than later. We sincerely hope you’ll find this course interesting and that you’ll have a good experience with it.

Have a great term!