

|                              |   |                   |     |                        |     |                   |     |
|------------------------------|---|-------------------|-----|------------------------|-----|-------------------|-----|
| <b>Time and Place</b>        | M, W 6:30 pm - 10 pm, 1S-114, June 2 - July 21, 2008.   |                   |     |                        |     |                   |     |
| <b>Professor</b>             | Zeno Huang<br>Contact info: 1S-208, xDOCK, <a href="mailto:huangz@mail.csi.cuny.edu">huangz@mail.csi.cuny.edu</a><br>Office Hours: M: 5:30-6:29 pm; W: 5:30 - 6:29 pm Office; and/or by appointment.  |                   |     |                        |     |                   |     |
| <b>Textbook</b>              | INTRODUCTION TO GEOMETRY by <i>H.S.M. Coxeter</i> , 2nd edition, Wiley, 1989 (\$75 at amazon.com)<br>also recommend: EUCLIDEAN AND NON-EUCLIDEAN GEOMETRY, AN ANALYTIC APPROACH by <i>Patrick J. Ryan</i> , Cambridge Press, 2006; (as low as \$15 at amazon.com)   |                   |     |                        |     |                   |     |
| <b>Course Outline</b>        | 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.   |                   |     |                        |     |                   |     |
| <b>Course Grade</b>          | The final course grade is determined according to the following scheme (all dates subject to change): <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 20px;"><b>Daily Quiz</b></td> <td>40%</td> </tr> <tr> <td><b>Weekly Homework</b></td> <td>40%</td> </tr> <tr> <td><b>Final Exam</b></td> <td>20%</td> </tr> </table>  | <b>Daily Quiz</b> | 40% | <b>Weekly Homework</b> | 40% | <b>Final Exam</b> | 20% |
| <b>Daily Quiz</b>            | 40%   |                   |     |                        |     |                   |     |
| <b>Weekly Homework</b>       | 40%   |                   |     |                        |     |                   |     |
| <b>Final Exam</b>            | 20%   |                   |     |                        |     |                   |     |
| <b>Class Policies</b>        | To help everyone, please adhere to the following policy: <ul style="list-style-type: none"> <li>• Cell phone use is strictly prohibited. Please turn off your cell phones.</li> <li>• Newspaper reading after 6:30pm is equally prohibited.</li> <li>• Please be as quiet as possible during class or if you come in late.</li> <li>• Please inform the professor in advance if you have to leave early.</li> </ul> <p>Thank you for your help!</p>   |                   |     |                        |     |                   |     |
| <b>Regular Homework Sets</b> | Regular homework is to be collected every week. This component counts as 40% of your course grade.  |                   |     |                        |     |                   |     |
| <b>Quizzes</b>               | You should expect a short quiz every class. <i>No makeup quizzes will be given</i> ; This component counts as 40% of your course grade.   |                   |     |                        |     |                   |     |
| <b>Exam</b>                  | 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.   |                   |     |                        |     |                   |     |
| <b>Last but not least!</b>   | Some words of advice: <ul style="list-style-type: none"> <li>• We strongly recommend that you attend all lectures. Experience shows that students that attend class perform significantly better in the course.</li> <li>• Start all assignments early –ask questions early. We cannot guarantee that we will be able to answer last-minute questions.</li> <li>• The professor is here to help you. <i>Please do not hesitate to contact us, earlier rather than later.</i> We sincerely hope you'll find this course interesting and that you'll have a good experience with it.</li> </ul> |                   |     |                        |     |                   |     |

**Have a great term!**