Topics in Geometry
Math 1290 5-2, Spring 2005,
CRN 11229

George Sparling
Laboratory of Axiomatics
University of Pittsburgh
Pittsburgh, Pennsylvania, USA
Course Information

- **Classes**
  This class is Mathematics 1290, CRN 11229, Topics in Geometry.
  The classes take place in CL 1218, Mondays and Wednesdays 6pm-7.15pm.
  The first class is Wednesday January 5th, 2005.
  There is no class on Monday January 17th, 2005, nor on Wednesday March 2nd, 2005, nor during Spring Break.
  The last class is Wednesday April 20th, 2005.

- **Instructor:** George Sparling
  **Office:** 609 Thackeray
  **Phone:** 1-412-478-1879.

- **e-mail:** sparling@twistor.org.

- **Webpage:** [http://www.math.pitt.edu/~sparling](http://www.math.pitt.edu/~sparling).

- **Office hours:**
  Mondays, Tuesdays and Wednesdays, 4.30pm-5.20pm, in 705 Thackeray, or by appointment.
Class Schedule

- Roughly every two weeks, there will be a quiz or an exam.
- Every week there will be a homework due.
  The grader is Balwe.
• Schedule

Wednesday January 5th  Homework 1 assigned
Wednesday January 12th Homework 1 due, Homework 2 assigned
                        Quiz 1
Wednesday January 19th Homework 2 due, Homework 3 assigned
Wednesday January 26th Homework 3 due, Homework 4 assigned
                        Quiz 2
Wednesday February 2nd Homework 4 due, Homework 5 assigned
Wednesday February 9th Homework 5 due, Homework 6 assigned
                        Quiz 3
Wednesday February 16th Homework 5 due, Homework 6 assigned
Wednesday February 23rd Homework 6 due, Homework 7 assigned
Monday February 28th  Homework 7 due, Homework 8 assigned
                        Mid-term exam
Wednesday March 2nd  Homework 8 due, Homework 9 assigned
Wednesday March 16th Homework 9 due, Homework 10 assigned
                        Quiz 4
Wednesday March 23rd  Homework 10 due, Homework 11 assigned
Wednesday March 30th  Homework 11 due, Homework 12 assigned
                        Quiz 5
Wednesday April 6th   Homework 12 due, Homework 13 assigned
Wednesday April 13th  Homework 13 due.
Wednesday April 20th  Final Exam
Grading

There are 13 homeworks, 5 quizzes, one midterm and a final exam during the term.
Two homeworks and one quiz will be dropped.

Grading Scheme

<table>
<thead>
<tr>
<th>Description</th>
<th>Points</th>
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<tbody>
<tr>
<td>Best 11 homeworks at 25 points each</td>
<td>275pts</td>
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<tr>
<td>Best 4 quizzes at 30 points each</td>
<td>120pts</td>
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<tr>
<td>One midterm examination at 125 points</td>
<td>125pts</td>
</tr>
<tr>
<td>One final examination at 180 points</td>
<td>180pts</td>
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<tr>
<td>Maximum Possible Score</td>
<td>700pts</td>
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Grading is curved and based on your total score only, provided you pass the final.

If you pass the final, grading will be in the A+ to B- range, unless your other work is severely lacking.
If you fail the final, grading will be in the range C+ to F.

Textbook and Syllabus

- **Text**
  The text for this course is:
  A course in Modern Geometries, Second Edition,
  by Judith N. Cederburg,

- **Syllabus**
  We shall cover the first three chapters and selected topics from the last chapters.