Theoretical Mathematics I  
Math 0413 Fall 2010, CRN 13688

Class information

Classes and Recitations
This class is Mathematics 0413, CRN 13688, Introduction to Theoretical Mathematics, class instructor George Sparling. Recitation CRN 13692, instructor Ross Ingram.

- The classes are in TY 627, Tuesdays and Thursdays 6.00pm-7.15pm.
- The recitations are in TY 627, Tuesdays and Thursdays, 7.25pm-8.15pm.
- The first class and first recitation are on Tuesday August 31, 2010.

Class Instructor: George Sparling

- **Office:** 609 Thackeray.
- **Text/Phone:** 1-412-576-1429.
- **e-mail:** gnirlraps@gmail.com.
- **Webpage:** http://www.math.pitt.edu/~sparling.
- **Office hours:** Tuesdays 2.00-3.30pm and 5.20-6.00pm and Thursdays 1.00-2.00pm and 5.20-5.55pm in the Math Lounge, 705 Thackeray, or by appointment.
Recitation Instructor: Ross Ingram

- **Office:** 615 Thackeray
- **Phone:**
- **e-mail:** rnil@pitt.edu.
- **Office hours:**

**Class Schedule**

- Every second week during the term, there will be a quiz or an exam during the Thursday class.
- Quizzes and exams will be open book.
- Every week there will be a homework due in the Thursday recitation.

**Quiz/Exam Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Thursday September 9th</td>
<td>Quiz 1</td>
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<tr>
<td>Thursday September 23th</td>
<td>Quiz 2</td>
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<tr>
<td>Thursday October 7th</td>
<td>Exam 1</td>
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<tr>
<td>Thursday October 21st</td>
<td>Quiz 3</td>
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<tr>
<td>Thursday November 4th</td>
<td>Quiz 4</td>
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<tr>
<td>Thursday November 18th</td>
<td>Exam 2</td>
</tr>
<tr>
<td>Thursday December 9th</td>
<td>Quiz 5</td>
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<tr>
<td>Thursday December 16th</td>
<td>Final Exam in class, 6.00pm-8.00pm</td>
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</tbody>
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**Special needs**

If you have need special accommodations during the course, you are encouraged to contact me and Disability Resources and Services, 140 William Pitt Union, 412-648-7890 or 412-383-7355 (TTY) as early as possible in the term.
Grading

There are 14 homeworks, 5 quizzes, two midterms and a final exam during the term.

Grading Scheme

- Best 12 homeworks at 20 points each: 240pts
- Best 4 quizzes at 30 points each: 120pts
- Two midterm examinaions at 120 points each: 240pts
- One final examination at 200 points: 200pts
- Maximum Possible Score: 800pts

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:
  *Introduction to Real Analysis, Third Edition,*
  by Robert G. Bartle and Donald R. Sherbert,
  published by John Wiley and Sons,

- **Syllabus**
  We shall cover the first three chapters in detail.