Real Analysis - II, MA 646-2F Spring 2013

Class meets TuTh 3:30-4:45 PM in Room CH 458

Instructor: Dr. Nikolai Chernov
Office: 492 A Campbell Hall, ph. 934-2154 or 934-8613
Office hours: TT 1:00-2:00 (walk-ins are welcome)
E-mail: chernov@math.uab.edu

Classnotes are posted on the instructor’s web page, see below. The students should print them out and bring (at least relevant pages) to class.

Texts: A. N. Kolmogorov & S. V. Fomin, Introductory Real Analysis (Chapters 7–10), W. Rudin, Real and Complex Analysis, 3rd Ed. (Chapters 1–8). The texts are recommended but not mandatory. I will follow my classnotes.

Homework problems will be assigned on a regular basis. The due dates are printed next to the homework problems posted on my web page. Partial credit will be given for late homework (depending on how late it is). Note: no electronic submissions of homework or tests.

Grading policy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>30 %</td>
</tr>
<tr>
<td>Midterm Test (tentatively: early March)</td>
<td>30 %</td>
</tr>
<tr>
<td>Final Exam (May 7, 4:15–6:45)</td>
<td>40 %</td>
</tr>
</tbody>
</table>

All tests in this course are open-book and open-notes.

This flyer, the class notes, and all the homework assignments will be available on the instructor’s web page

http://people.cas.uab.edu/~mosya/teaching/teach.html

Students planning on taking Qualifying Exam (JPE) in Real Analysis can find past exams here:

https://secure.cas.uab.edu/mathshare/files/jpe.html

This can give you a good practice before taking the JPE.