

Real Analysis, MA 645-2F Fall 2012

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 2:00-3:00 (walk-ins are welcome)

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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).

Grading policy:

Homework	30 %
Midterm Test (tentatively: mid-October)	30 %
Final Exam (Dec 11, 4:15-6:45)	40 %

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

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