

Honors Analysis I  
Math 207, Section 31  
Autumn Quarter 2009  
John D. Boller  
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**Schedule:** This class meets MWF 10:30-11:20 in Eckhart 206. The course does not meet on Friday, November 27, the day after Thanksgiving. It does not meet on Friday, December 11, which is part of Reading and Review days, though there will be a review session held during normal class time.

**Texts:**

*Tools of the Trade*, by Paul J. Sally, Jr., ISBN # 0-8218-4634-6.

*Introductory Real Analysis*, by A.N.Kolmogorov and S.V.Fomin, ISBN # 0-486-61226-0.

Copies are available in the university bookstore and elsewhere.

**Exams:** There will be two hour exams (50 minutes) in class on Friday, October 23, and Friday, November 20, and a final exam (2 hours) on Wednesday, December 9, at 10:30 A. M., as scheduled by the Registrar's Office. I do not anticipate having to give any make-up midterm exams. Exceptions for serious circumstances will be considered only if you make arrangements with me at least 24 hours in advance. As for the final exam, it is the policy of the Mathematics Department that the final exam must occur at the time and place designated on the College Final Exam Schedule.

**Homework:** Homework assignments will be posted on the course website weekly and will be due on Mondays. You are encouraged to work together and to discuss problems, but you are also expected to write up your own solutions in order to receive credit.

**Grading:** Your final grade will be calculated as two parts homework, one part for each midterm, and two parts final exam, though I do reserve the right to have some (small) additional components.

**College Fellow:** Blair Davey is a second-year graduate student who will serve as our College Fellow. This means that she will grade homework, run a weekly problem session, hold office hours, and give the occasional lecture. She will be an integral part of the course and important resource for your work in it. Her office is Jones 222B, and her e-mail is: [bdavey@math.uchicago.edu](mailto:bdavey@math.uchicago.edu)

**Office Hours and Problem Sessions:** My office is Ryerson 354. I plan to hold office hours, which are tentatively scheduled for at least Mondays from 12-1 and 4-5 and Tuesdays and Thursdays from 3-5. Blair will also be holding office hours, Wednesdays from 3-4 and Fridays from 2-4, and a regular weekly problem session on Thursday evenings from 6-7 in Eckhart 308. Blair and I are also happy to meet with you outside of normally scheduled hours by appointment.

**Syllabus:** Sally's text and Kolmogorov and Fomin's text will serve as part of the basis for the course, but we will likely cover much, much more.