

**Analysis in  $\mathbb{R}^n$**   
Math 20300/33 (Accelerated)  
Autumn 2016

**Instructor:** William Feldman

**Office:** Eckhart 331

**Email:** [feldman@math.uchicago.edu](mailto:feldman@math.uchicago.edu)

**Course Webpage:** [www.math.uchicago.edu/~feldman/teaching.html](http://www.math.uchicago.edu/~feldman/teaching.html)

**Class:** MWF 10:30-11:20AM, Hinds Lab Geo Sci 184

**Office Hours:** M 2:30-3:30pm, T 4-5pm

**Problem Session:** TBA

**Text:** *Principles of Mathematical Analysis*, Walter Rudin. (Chapters 1-4)

**General Policy:** There will be two in-class hour exams and a final exam. Homework will be assigned weekly on Wednesday and due the next Wednesday in class. Late homework will not be accepted. You may of course collaborate on the homework assignments, but you should write up the solutions independently. The coursework will be weighted as follows in the final grade:

Hour Exams: 20% each

Final Exam: 50%

Homework: 10%

**Important dates:**

Hour Exams: In class on Mon Oct 17 and Wed Nov 9.

Final Exam: Monday Dec 5, 10:30AM-12:30PM.

**Important Notice:**

*It is the policy of the Department of Mathematics that the following rules apply to final exams in all undergraduate mathematics courses:*

1. *The final exam must occur at the time and place designated on the College Final Exam Schedule. In particular, no final examinations may be given during the tenth week of the quarter, except in the case of graduating seniors.*
2. *Instructions are not permitted to excuse students from the scheduled time of the final exam except in the cases of an Incomplete.*