Math 131AH Honors Analysis  
Winter 2015. Lectures: MWF 10:00 a.m. — 10:50 a.m., Room MS 5138  
Instructor: Michael Hitrik  
  Office: MS 6901  
  Office Hours: MW 2:00 p.m. — 3:00 p.m.  
  Phone: (310) 206–0739  
  Email address: hitrik@math.ucla.edu  

Textbook:  
W. Rudin, *Principles of Mathematical Analysis*, 3rd edition, McGraw-Hill. We shall cover the first six chapters of the book. The purpose of the course is to develop the foundations of analysis, with an emphasis on mathematical rigor. You will be expected to know how to formulate and write a correct mathematical proof.

Section Information:  
T 10:00 a.m. — 10:50 a.m., Room MS 5138, Teaching Assistant: Stephen Ge, stephenge@math.ucla.edu.

Exam Schedule:  
Midterm: Friday, February 13, in class.  
Final Exam: Friday, March 20, 8:00 a.m. – 11:00 a.m., in TBA  

Grading Policy:  
Homework: 30 %  
Midterm: 30 %  
Final Exam: 40 %  
No makeups are allowed for the midterm and for the final examination.

Homework:  
There will be eight homework assignments, due in lectures on Fridays, with the exception of February 13. Graded homework will be returned to you in the discussion section the following week. **Late homework will not be accepted.** The first homework will be assigned on Friday, January 9.  
The homework will be assigned in class as well as posted at www.math.ucla.edu/~hitrik/assign131AH.html