Textbook:
W. Rudin, *Principles of Mathematical Analysis*, 3rd edition, McGraw-Hill. We shall cover chapters 5, 6, 7, and 9 of the book. In this course, which is a continuation of Math 131AH given in the winter, we shall continue developing the foundations of analysis, with an emphasis on mathematical rigor and precision.

Section Information:
T 10:00 a.m. — 10:50 a.m., Room MS 5137, Teaching Assistant: Stephen Ge, stephenge@math.ucla.edu.

Exam Schedule:
Midterm: Friday, May 8, in class.
Final Exam: Wednesday, June 10, 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 May 8. 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, April 3.

The homework will be assigned in class as well as posted at www.math.ucla.edu/~hitrik/assign131BH.html