

MATH 131A, WINTER 2018

WILFRID GANGBO

1. This course meets for lectures on Mondays, Wednesdays and Fridays from 2:00 to 2:50 pm in MS 5147. The course will give a rigorous introduction to foundations of real analysis and covers real numbers, point set topology in Euclidean space, functions, continuity. The recommended book for that is *Elementary Analysis, 2nd Edition*, by K.A. Ross.

2. My office is MS 7945, and office hours will be on Mondays, Wednesdays and Fridays from 1:10 to 2:00 pm, or by appointment. I may be reached by email at wgangbo@math.ucla.edu.

3. **Homework.** Homework will be assigned and collected roughly every other week in class. It will be graded and promptly returned to you, usually the following week. The assignments will be announced in class well in advance, and posted on the course website. Your score on each homework assignment will be based on a few randomly chosen problems. **Late homework will not be accepted**, but your lowest homework score will be dropped. The next HW problems can be found at

<http://www.math.ucla.edu/~wgangbo/academic/math131A/>

4. **Grading.** Your final average in this class will be computed as the maximum of the following schemes:

Scheme 1:	Scheme 2:
Homework: 20 %	Homework: 35 %
Midterm: 35 %	
Final Exam: 45 %	Final Exam: 65 %

5. **Exam.** During the exams, you may not use notes, calculators, cell phones, or anything other than paper and pen/pencil. A sufficient amount of paper will be provided for you. **There will be no make-up for missed midterm.** If you miss the midterm for a legitimate, documented reason, your grade will be computed using the second grading scheme above. **You must take the final exam in order to pass the class.** Make-ups for the final exam are permitted only under exceptional circumstances, as outlined in the UCLA student handbook. Please bring a photo ID to every exam. The exams are scheduled for the following dates:

- (i) The tentative date for the midterm is Monday 05 February 2018,
- (iii) The date for your final exam is Monday 19 March 2018, 11:30am - 2:30pm

6. **Teaching assistant.** John Zhang: jmzhang@math.ucla.edu. Office: MS 3903.

7. **Academic integrity.** Please, review the regulations at the following website:
<http://www.deanofstudents.ucla.edu/Student-Conduct>

8. **Notes.** You are not allowed to use cell phone in the classroom. Your homeworks should be your own work and you are not allowed to copy from your classmate.

UCLA, LOS ANGELES, CA, USA
E-mail address: wgangbo@math.ucla.edu