Useful links

http://math.ucla.edu/~sucharit/31B-su17.html
http://www.math.ucla.edu/ugrad/courses/math/31B
https://ccle.ucla.edu/course/view/171C-MATH31B-1
https://my.ucla.edu

People

The instructor is Sucharit Sarkar (sucharit@math) who will hold classes MTW 9-10:50am at Dodd 161. The office hours are at MS 6909 on Wednesdays 11am-2pm for weeks 1, 2, 3, 5 (that is, 8/9, 8/16, 8/23, 9/6) and on Tuesdays 2-4pm for weeks 4 and 6 (that is, 8/29 and 9/12).

The TA is Aiden Gim (ggim@math) who will hold discussion sections T,Th 12-12:50pm for Section 1A and 1-1:50pm for Section 1B at Boelter 5436, and office hours Th 2-3pm at MS 2344. The reader is Jiayu Wan. (All email addresses are @math.ucla.edu)

Syllabus

Most of Chapters 7, 8, 9, and 11 from Single Variable Calculus (3rd edition) by J. Rogawski. The requisite is 31A. We will study methods and applications of integration, as well as convergence and computations of sequences and series.

Homework

Homeworks will be posted at http://math.ucla.edu/~sucharit/31B-su17.html. Homeworks are due at the beginning of lecture on Monday. Do not submit homework by e-mail. No late homework will be accepted. However, your lowest homework score will be dropped when computing your grade. You are encouraged to work in groups on your homework; this is generally beneficial to your understanding and helps you learn how to communicate clearly about mathematics. However, you must write up all solutions yourself. Moreover, since crediting your collaborators is an important element of academic ethics, you should write down with whom you worked at the top of each assignment. You should also cite any sources (other than lectures and the textbook) that you use.

Exams

The exams are non-collaborative closed-book exams. You are not allowed to use books, notes, or any electronic devices (such as calculators, phones, computers) during the exams. There are two midterms and a single final exam on the following dates (all in-class during normal class hours).

<table>
<thead>
<tr>
<th>Exam</th>
<th>Topics</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Midterm 1</td>
<td>7.1-3,7-9; 8.1,5</td>
<td>8/21</td>
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<tr>
<td>Midterm 2</td>
<td>8.7,9; 9.1.4; 11.1</td>
<td>8/30</td>
</tr>
<tr>
<td>Final</td>
<td>7.1-3,7-9; 8.1,5,7,9; 9.1,4; 11.1-7</td>
<td>9/13</td>
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There will be no make-up exams. Attending the final exam is mandatory. In particular, note that university policy requires that a student who misses the finals be automatically given F, unless the absence is due to extreme and documented circumstances, in which case, if the performance in the course is otherwise satisfactory, the grade might be I.
Grading

Numerical grades will be recorded in the MyUCLA gradebook. A composite numerical grade will be computed by the following formula:

\[
\max(10\% \text{HW} + 20\% \text{Midterm 1} + 20\% \text{Midterm 2} + 50\% \text{Final}, 10\% \text{HW} + 30\% \text{Best midterm} + 60\% \text{Final})
\]

A curve compatible with the department guidelines will be applied to the composite numerical grades. If you believe a problem on a homework or an exam has been graded incorrectly, or that your score was not correctly recorded in the MyUCLA gradebook, you must bring this to the attention of the instructor within 10 calendar days of the due date of the assignment in question, or the date of the exam, and before the end of the quarter (9/15). Grading complaints not initiated within this period of time will not be considered. Please verify in a timely manner that your scores are correctly recorded on MyUCLA.