Math 15300: Calculus III
Autumn 2015

Course info:
• Time and place:
  ▪ Lectures: Tuesdays and Thursdays 10:30-11:50am, Ryerson 276.
  ▪ Optional problem session: Tuesdays, 8-9pm, Eckhart 308.
• Staff & office hours:
  Instructor: Dr. Kathryn Lindsey
  klindsey@math.uchicago.edu
  office hours Mon. 4:30-5:30pm
  Eckhart 416
  Course assistant: Paolo Degiorgi
  paolod@uchicago.edu
  office hours TBA
  Eckhart 416
• Textbook:
  ▪ A copy of the textbook is on reserve in Eckhart Library.
  ▪ Optional text: Student Solutions Manual. (Solutions to odd-numbered problems.)
• Course website: www.math.uchicago.edu/~klindsey/153.html
  All assignments, schedules, and written course materials will be posted here. Please check this site regularly for updates.

Is this the right course for me?
Math 15300 is the 3rd quarter of U. Chicago’s standard calculus sequence. You should either have previously taken Math 13100 and Math 13200 or Math 15100 and Math 15200, or have placed out of the 1st and 2nd quarters, either with AP credit or Chicago’s placement exam. There is a higher level Honors Calculus sequence (Math 16100-16300).

We will cover chapters 11, 12, 8, and part of chapter 9 in the textbook. Please refer to the schedule on the course website for details.

Grading:
Your overall course grade will be determined as follows:

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<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>15%</td>
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<tr>
<td>Class participation</td>
<td>5%</td>
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<tr>
<td>Quizzes</td>
<td>25%</td>
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<td>Midterm 1</td>
<td>15%</td>
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<tr>
<td>Midterm 2</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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Homework:
• Homework will be due every day at the beginning of class.
• I will drop your two lowest homework grades (missed homework counts as 0).
• Homework may be handwritten or typed.
• If your completed assignment has more than one page, please staple all pages together.
• Collaborating with other students in the class on homework is fine (even recommended), but each student must write up and submit his/her own individual assignment. If you discussed the homework with others, acknowledge your collaborators at the top of the assignment (you may simply write “Worked with __”).

In class evaluations:
• Quizzes: There will be a short in-class quiz most weeks (see course schedule). I will drop your lowest quiz grade (a missed quiz counts as 0).
• Midterms: There will be two cumulative in-class midterms (see course schedule).
• Final exam: The final exam will cover material from the entire quarter.

Late or missed assignments: Please come talk to me as soon as possible (preferably in advance!) if there are extenuating circumstances; otherwise, I will not accept late assignments. All assignments must be turned in during class on the appropriate due dates. Late assignments left in the instructor’s mailbox or at the instructor’s office will not be accepted unless prior arrangements have been made with the instructor.

Calculators:
• Calculators will not be permitted during in-class quizzes/midterms/exams.
• You may use calculators or other computational aids on homework problems.

Final Exam: The final exam is Tuesday, Dec. 8, 2015, from 10:30am to 12:30pm. Students must take the final exam at this time in order to complete the course.

Resources and support:
• Your classmates. I encourage you discuss course material with your classmates outside of class. If there is something that you understand well, share it with a friend – and, hopefully, the time will come when they, in turn, will explain something to you! We are a team.
• Optional weekly evening problem sessions. Tuesdays 8pm-9pm in Eckhart 308.
• Instructor’s office hours: Mondays, 4:30-5:30pm, Eckhart 416.
• Course assistant’s office hours: TBA
• College core tutors (https://core-tutors.uchicago.edu)