Math 161 - Section 21
Honors Calculus I

Instructor: Henrik Matthiesen
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Office: Eckhart 306
Course website: http://math.uchicago.edu/~hmatthiesen/161_21.html

Schedule: MWF 9:30 - 10:20 in Eckhart 203.
There will be no class on Friday, November 23. On Friday, December 7, there will be no
regular class, but a review session.

Textbook: Spivak’s Calculus, Fourth Edition

Course Description: This is a first course in rigorous mathematics covering the
foundations of one variable calculus with all proofs. More precisely, we will go through the
first twelve chapters of Spivak’s book.

Office Hours: M: 10:30 - 11:20, Tu: 5:30 - 6:20 (subject to change)

Problem Sessions: TBA

Exams: Two midterms (50 min, to be held in class) and a final (2h)

Exam Dates: Midterm 1: Monday, October 22
Midterm 2: Monday, November 19
Final Exam: Friday, December 14, 10:30 - 12:30

Homework: Homework problems will be assigned on Wednesdays and are due at the
beginning of class the following Wednesday. Late assignments will not be accepted. There
will be nine homework assignments, only the best seven of which will contribute to your
homework grade. You are encouraged to work in small groups on the homework
assignments, but you should write down your solutions independently. The use of solutions
manuals is prohibited.

Grading Policy: The final grade will be calculated according to

\[ \max(10\% \text{ HW} + 20\% \text{ Midterm 1} + 20\% \text{ Midterm 2} + 50\% \text{ Final Exam}, 100\% \text{ Final Exam}) \]

Note that this can only improve compared to the previous grading policy, that was 10\% HW
+ 20\% Midterm 1 + 20\% Midterm 2 + 50\% Final Exam!

Department Policy: It is the policy of the Department of Mathematics that the following
rules apply to final exams in all undergraduate mathematics courses:

1. The final exam must occur at the time and place designated on the College Final
Exam Schedule. In particular, no final examinations may be given during the tenth
week of the quarter, except in the case of graduating seniors.
2. Instructors are not permitted to excuse students from the schedules time of the final exam except in the case of an Incomplete.