Instructor: Henrik Matthiesen  
e-mail: hmatthiesen@math.uchicago.edu  
Office: Eckhart 306  
Course website: http://math.uchicago.edu/~hmatthiesen/161_41.html

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: W: 10:30 - 11:20, Th: 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: Wednesday, December 12, 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  
\[ \text{max}(10\% \text{ HW} + 20\% \text{ Midterm 1} + 20\% \text{ Midterm 2} + 50\% \text{ Final Exam}, 100\% \text{ Final Exam}) \].  
Note that this can only improve compared to the previous grading policy, that was 10\% \text{ HW}  
+ 20\% \text{ Midterm 1} + 20\% \text{ Midterm 2} + 50\% \text{ 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.