Math 163 - Section 23
Honors Calculus III

Instructor: Henrik Matthiesen
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Schedule: MWF 9:30 - 10:20 in Eckhart 203.
There will be no class on Monday, May 27 (Memorial Day). On Friday, June 7, there will be no regular class, but a review session.

Textbooks: Spivak’s *Calculus*, Fourth Edition and Spivak’s *Calculus on Manifolds*

Course Description: In the first half of the quarter we will continue to study one variable calculus covering chapters 24-27 of Spivak’s *Calculus*. The second half of the quarter will focus on a brief introduction to the basics of multivariable calculus covering the first three chapters from Spivak’s *Calculus on Manifolds*.

Office Hours: M: 10:30-11:20, Th: 17:30-18:20 (subject to change)

Problem Sessions: TBA

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

Exam Dates: Midterm: Monday, May 6
Final Exam: Wednesday, June 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. Every second assignment will contain one extra credit problem. You can gain up to 10 additional points for the final exam from your solutions to these. 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(30% Midterm + 70% Final Exam, 100% 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 scheduled time of the final exam except in the case of an Incomplete.