

MATH 254H: Honors Multi-Variable Calculus

Fall 2008 MWF 12:40 - 1:30 pm C208 Wells Hall

Instructor Information:

Lawrence Roberts
A345 Wells Hall
lawrence@math.msu.edu

Tentative Office Hours:

M 1:30-2:30 pm
W 2:00-3:00 pm
F 11:30 am-12:30pm

Books: *Thomas' Calculus*, Thomas and Finney. 11th Edition. This will be a reference book for the course. It has been chosen since it is the book used for most other calculus courses at MSU. However, we may use other sources as needed.

Course Website: www.math.msu.edu/~lawrence/math234H.html, or use the “course website” link on the math homepage: www.math.msu.edu

Material Covered: Calculus in two and three dimensions: partial derivatives, gradients, multiple integrals, vector calculus. We will cover at least the material in Math 234, but will cover it at a higher level.

Grading: The final will count 35%. Each of the three mid-terms will count 15%. The homework will count for 10% (see below). Consistent attendance (i.e. > 90%) will ensure the remaining 10%. Students are responsible for any information stated in class during their absence. While I will try to keep the website up to date, the *lecture* is the official source of all information for the class. Missing a test, with a legitimate excuse (i.e. a doctor's note for a severe illness), will result in the final being counted in place of the test.

Homework: Homework will be assigned daily and posted on the website. Time will be made available to discuss the homework problems in class. I will randomly collect some of the homework each week.

Academic Responsibility: All students are expected to do their own work. Cheating, plagiarism, etc. will be handled according to the university academic dishonesty policies.

Important Dates:

August 25	Classes begin
August 29	Last day to change grading option
September 1	Labor Day – NO CLASS!
September 18	End of tuition refund period
September 19	MID-TERM #1
October 15	MID-TERM #2
November 12	MID-TERM #3
November 27-28	Thanksgiving – NO CLASS!
December 5	Classes end
December 12	FINAL EXAM in C208 Wells Hall, 12:45 - 2:45 pm