

MATH 153H-1: Honors Calculus
Spring 2007 MWF 11:30 - 12:20 pm C200 Wells Hall

Instructor Information:

Lawrence Roberts
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Tentative Office Hours:

M 10:30 - 11:30 am
W 3:00 - 4:00 pm
Th 2:00-3:00 pm

Note: Office hours are part of the time you pay for in this class. They are your opportunity to discuss anything you feel uncomfortable bringing up in class, like grades or homework trouble.

Book: *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.

Course Website: www.math.msu.edu/~lawrence/math153H.html, or use the “course website” link on the math homepage: www.math.msu.edu

Material Covered: Integration and Taylor series. Unlike math 133, which covers the same material, less time will be spent on computation and more time will be spent on the theory, i.e. what makes calculus work, and problem solving.

Grading: Out of a total of 100 pts: Final 30 pts; three mid-terms worth 20 pts each; 10 pts for homework and class participation. There will be no make-up exams, so if you know you will have difficulty with the current schedule please tell me as soon as possible. In cases of *legitimate and documented* absence, i.e. illness with a doctor's note, the final will count for more. There will be *no* alternative to the final; failure to take the final will automatically result in a 0.0 grade. Graded exams will be returned within a week; taking your graded exam from the room after it is returned will indicate complete agreement with the grading. Cutoffs for grades will be decided at the end of the semester, but will be no higher than $[92,100] \rightarrow 4.0$, $[87,92) \rightarrow 3.5$, $[82, 87) \rightarrow 3.0$, $[77, 82) \rightarrow 2.5$, $[72, 77) \rightarrow 2.0$, $[65, 72) \rightarrow 1.0$, $[0,65) \rightarrow 0.0$. For example, if you have an 85 at the end of the semester, you will not receive less than a 3.0 grade. Expect, however, for the cutoffs to be lower.

Homework: Homework will be assigned daily and will be presumed to have been completed by the next course meeting. The assignment will be given in class and posted on the website.

Class Participation: Prior to each class, you will be expected to have read a short section and answered questions about it. The readings will be posted on the website. At the beginning of each class we will review these questions and some of the homework. Participation will be credited based upon attendance and willingness to perform these tasks.

Calculators: Calculators will not be permitted, or needed, on the exams. Otherwise, feel free to use them as you wish.

Important Dates:

January 8	Classes begin
January 15	Martin Luther King, Jr. Day – NO CLASS!
January 19	Last date to late add, change courses, or change sections
February 2	End of tuition refund period
February 5	MIDTERM #1
February 28	MIDTERM #2, last day to drop without a grade being reported
March 5 – 9	Spring Break – NO CLASS!
April 6	MIDTERM #3
April 27	Classes end
May 3	FINAL 10 am - 12 noon Room TBA