

Department of Mathematics and Statistics
University of Massachusetts at Amherst

<u>Course:</u>	Math 132H Honors Calculus II	<u>Instructor:</u>	Ralf Schiffler
<u>Semester:</u>	Spring 2008	<u>Office:</u>	1342 LGRT
<u>TA:</u>	Jason McGibbon	<u>Phone:</u>	545-2871
<u>Office:</u>	LGRT 1423G	<u>Email:</u>	schiffler@math.umass.edu
<u>Schedule:</u>	Lecture TuTh 1:00 – 2:15 in LGRT 119 (Schiffler) Exercises Wed 12:20– 1:10 in LGRT 123 (McGibbon)		
<u>Office Hours:</u>	TuTh 10:30 – 11:30 or by appointment in LGRT 1342		
<u>Web Page:</u>	information about the course and homework assignments: www.math.umass.edu/~schiffler/math132h/math132h.html		

Description: This course is part of a 3-semester sequence (131-132-233), covering standard material on differential and integral calculus at an intermediate level: more sophisticated (and much faster moving) than high school calculus, but with less emphasis on theoretical rigor than in advanced courses such as Math 523. Instead the emphasis is on basic concepts, methods, and applications suitable for students majoring in engineering, natural sciences, computer science, and mathematics.

Textbook:

*James Stewart, Calculus: Early Transcendentals Volume 1, Sixth Edition
University of Massachusetts - - Amherst
Thompson 2007. Paperback. ISBN 0-495-48312-5.*

It is essential that you get this new Sixth Edition. The text is a version of Stewart's 6th edition made especially for our course and homework assignments will refer to this edition.

Calculator: You may use a calculator on exams except for the Symbolic Test (Midterm 2).

Exams:

Midterm 1: Tuesday, February 26, 1:00 – 2:15
Midterm 2: Tuesday, March 25, 1:00 – 2:15 (Symbolic Test)
Midterm 3: Thursday, April 17, 1:00 – 2:15
Final Exam: To be announced

Homework: Homework will be assigned on Thursdays and collected the following Thursday. The assignments will be posted on the web page. Homework must be on letter-size paper only. Multiple pages must be stapled together.

Not every problem will necessarily be graded; I will choose which ones will be (the same for all students in the class) before I hand the papers to the grader. Homework will count for 10% of your final grade. NO LATE HOMEWORK will be accepted, but I will drop the two problem sets with the lowest grades when I compute the final HW grade.

Quizzes: Every week, there will be one quiz in the lecture or in the exercise meeting. Some of them will be announced ahead of times, others will not be. Quizzes will count for 10% of your final grade. There are no make-up quizzes, but I will drop the two quizzes with the lowest grades when I compute the final quiz grade.

Course Grade:

Midterm 1	20 %
Midterm 2	20 %
Midterm 3	20 %
Final Exam	20 %
Homework	10 %
Quizzes	10 %