

UNIVERSITY OF CENTRAL FLORIDA
Department of Mathematics

Fall 2005

Course: MAC2311H.202 "Honors Calculus 1"
Class Meets: MAP 405, 9:30 a.m. - 10:20 a.m., MTWF
Instructor: Dr. Marianna Pensky
Office: Math & Physics, 202A
Office Phone 407-823-2115
E-mail: mpensky@pegasus.cc.ucf.edu
Office Hours MWF 10:30-11:30a.m., T 12:00:1:00 p.m., R 9:30-10:30a.m.
Textbook: Stewart "Calculus", 5th Edition
Contents to course: Chapters 1,2,3,4,5,6

Course Policy: For each Chapter you will be given a list of problems to solve. These problems will constitute considerable part of your quizzes and tests (at least 50 %). Time for asking questions will be given in class, also you are very welcome to my office hours.

Quizzes will be held approximately once a week, the exact day to be announced in advance. Each quiz is 20 points. Three midterms (approximately, September 16, October 14 and November 10) are 100 points each. The final exam is 200 points. The lowest quiz score and midterm score will be dropped. Also, each student will be doing a project worth 100 points.

Your final grade will be determined by your score.

If you miss an exam or a quiz, it is your responsibility to immediately contact the instructor. Make-up tests are at the discretion of the instructor and they may be harder – make-ups are given only for really pressing reasons which are officially documented by the student. No make-ups for quizzes will be given. If needed, course policies may be modified at the discretion of the instructor.

Attendance: Attendance will be monitored randomly. If THE RECORD shows that you have attended 90% of classes, you will get a bonus of 3% of the final grade. This is to encourage attendance, which is often positively correlated with good performance.

Grade scale: 90-100 % – A
80-89 % – B
70-79 % – C
50-69 % – NC or F
< 50 % – F

NC grade: The NC grade will be awarded in this class if the record shows that you have attended at least 80 % of classes and your overall average is at least 50% of the final score.

Withdrawal deadline: October 14

Holidays: September 5, November 11, November 24–26

Math Lab: In addition to my office hours, the Math Lab is a wonderful help/tutorial facility for this course and I strongly recommend you to make use of it. The Math Lab is located on the first floor (the basement) of the Math & Physics building. It is open 9 a.m. – 5 p.m. MTWR, 9 a.m. – 3 p.m. F., 2 p.m. – 6 p.m. Sunday. Phone - 823-3489, website - <http://gauss.math.ucf.edu/~mathlab>. It is a wonderful source of help outside class hours, and is really worth utilizing.

Problems for Calculus I, Stewart, 5th edition

Section 1.1	21,25,27,33,35,37,39,41,43,45,49
Section 1.2	1,3,11,13
Section 1.3	1,2,3,5,7,15,17,19,21,23,29,31,37,39,45,49,53,55
Section 2.1	1,3,5
Section 2.2	1,5,7,9,13,17,19,25,27,29,35
Section 2.3	1,5,7,13,15,19,21,23,27,29,35,37,41,43,47,59
Section 2.4	3,5,15,25,31
Section 2.5	3,5,11,15,17,19,25,31,33,35,37,39,41,45
Section 2.6	1,7,9,11,17
Section 3.1	1,3,5,7,9,13,17,19,21,23,25,35
Section 3.2	1,3,4,5,7,9,11,19,23,25,27,35
Section 3.3	3,7,11,13,17,19,25,27,31,35,37,39,41,51,53,57,59,61
Section 3.4	3,7,11,15,17
Section 3.5	5,9,11,15,17,23,29,37,39,41,43
Section 3.6	3,7,11,15,17,19,21,27,33,37,39,41,45,53,57,61
Section 3.7	3,9,11,13,15,17,19,21,23,27,29,41,47
Section 3.8	1,3,7,13,17,23,27,29,31,33,35,43,47
Section 3.9	5,9,11,15,19,21
Section 3.10	7,17,19,23,25,31,33,35
Section 4.1	5,13,21,25,29,35,39,41,43,47,51,53,55
Section 4.2	11,13,15,17,19,23,25,31
Section 4.3	7,13,15,19,23,25,33,37,39,51
Section 4.4	11,15,17,19,21,27,29,31,37,39,45,49,53
Section 4.5	15,17,19,25,27,31,33,37
Section 4.7	11,15,19,31,43,45
Section 4.10	11,15,21,23,27,29,31,33,39,53,55
Section 5.1	1,3,5,21
Section 5.2	3,9,11,19,21,23,27,37,39,47,49,53,57,59
Section 5.3	9,13,15,17,25,29,31,35,41,43,45,47,53,59
Section 5.4	5,9,13,21,27,33,37,39,45,47,55
Section 5.5	11,15,19,23,29,31,39,45,53,61
Section 6.1	3,5,9,11,13,17,19,21,23,27,29,31
Section 6.2	5,7,9,11,13,15,17,19,21,23,25,27,29,43,49
Section 6.3	5,7,11,13,15,17,19,23,25,29,31,39,41
Section 6.4	9,11,13,15,17,19,21,23
Section 6.5	3,7,9,19