

**UNIVERSITY OF CENTRAL FLORIDA**  
**Department of Mathematics**

**Fall 2007**

**Course:** MAC2312H.201, **HONORS CALCULUS II**  
**Class Meets:** BA 209, 3:30 - 4:20 a.m., MWRF  
**Instructors:** Dr. Marianna Pensky  
**Office:** Math & Physics, 202A  
**Office Phone** 407-823-2115  
**E-mail:** mpensky@pegasus.cc.ucf.edu  
**Office Hours** 1:30 - 3:30 a.m. MW and 4:30-5:30 p.m., W  
**Textbook:** Stewart "Calculus", 5th Edition  
**Contents to course:** Chapters 7,8,9,11,12

**Grading Policy:** Quizzes will be held approximately once in two weeks, the exact day to be announced in advance. Each quiz is 20 points. Three midterms (approximately, **September 14, October 10** and **November 9** ) are 100 points each. The semi-comprehensive 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.

**Attendance:** Attendance will be monitored randomly. If the record shows that you have attended 90% of monitored 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  
60-69 % - D  
< 60 % - F

**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. Time for asking questions will be given during the lectures, and also you are very welcome to my office hours.

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.

**Withdrawal deadline:** October 12.

**Holidays:** September 3, November 12, November 22-24 (Thanksgiving)

**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 II

<b>Section 7.1</b>	11,13,21,27,29,35,37,39,41,43
<b>Section 7.2</b>	15,17,25,27,31,35,39,45,49,73,77,83
<b>Section 7.3</b>	3,5,7,9,13,17,23,27,31,33,35,41,53,55,63,65
<b>Section 7.4</b>	7,9,11,19,21,23,27,35,41,47,49,51,69,71,73
<b>Section 7.5</b>	5,7,9,13,25,27,31,39,61,63,65
<b>Section 7.6</b>	11,15,17,23,35,41,45,57,59
<b>Section 7.7</b>	7,11,15,17,21,27,35,37,41,45,51,53,59
<b>Section 8.1</b>	3,7,11,13,15,21,25,27,29,35,45,63
<b>Section 8.2</b>	3,5,7,13,19,23,27,29,33,39,41,45
<b>Section 8.3</b>	5,7,9,13,17,19,25,27,29
<b>Section 8.4</b>	3,5,11,15,17,23,25,29,31,35,43,47,53
<b>Section 8.5</b>	7,15,17,21,23,31,33,45,49,51,57,59,65,71
<b>Section 8.8</b>	1,7,11,13,21,27,31,33,37,57,59
<b>Section 9.1</b>	5,7,9,11,15,19,35
<b>Section 9.2</b>	3,5,7,11,13,15
<b>Section 9.3</b>	19,21,25,27,29,31,33
<b>Section 11.1</b>	3,7,9,13,17,21,24,25,28
<b>Section 11.2</b>	1,5,7,11,19,25,29,31,39,41,43
<b>Section 11.3</b>	1,3,9,11,17,23,25,31,35,39,41,57,63
<b>Section 11.4</b>	3,7,11,13,25,27,31,33
<b>Section 11.5</b>	5,7,9,15,17,19,23,27,29,33,35,39,41,45,47
<b>Section 12.1</b>	5,7,13,17,21,25,29,31,35,37,55,57,59,63
<b>Section 12.2</b>	3,9,17,19,23,25,27,31,37,39,41,43
<b>Section 12.3</b>	3,7,11,13,15,17,21,23,25,27
<b>Section 12.4</b>	7,9,13,15,17,21,25,29,31,33
<b>Section 12.5</b>	3,7,11,13,15,17,19,23,25,29,33
<b>Section 12.6</b>	3,5,7,11,15,19,23,25,27,29,31,33
<b>Section 12.7</b>	5,7,13,15,17,19,21,23,27,31,33,35
<b>Section 12.8</b>	3,5,7,11,15,17,21,23,27,29,31
<b>Section 12.9</b>	5,7,9,11,13,15,17,23,27,37
<b>Section 12.10</b>	3,5,9,13,15,17,25,27,29,31,39,43,45,49,51,55
<b>Section 12.11</b>	3,5,7,11,15,17
<b>Section 12.12</b>	5,9,17,19,21,23,25