

# Math 212, Fall 2007

Course Syllabus, Call # 84969

<b>Title:</b>	Calculus II
<b>Text:</b>	<i>Calculus of a Single Variable,</i> <i>8th edition,</i> by Larson, Hostetler and Edwards.
<b>Classroom:</b>	JB 254
<b>Meeting time:</b>	10 AM–Noon, Tu, Th
<b>Instructor:</b>	Dr. Corey Dunn
<b>Dr. Dunn’s Office:</b>	JB 322
<b>Dr. Dunn’s E-mail:</b>	cmdunn “at” csusb.edu
<b>Dr. Dunn’s Phone:</b>	(909) 537-5368
<b>Final Exam Date:</b>	Thursday, December 6th, 10–12 in our classroom
<b>Exam Dates:</b>	<b>Exam #1:</b> Th, October 18th <b>Exam #2:</b> SEE BELOW: Either 11/13 or 11/15
<b>Quiz Dates:</b>	<b>Quiz #1:</b> Th, October 11th <b>Quiz #2:</b> SEE BELOW: One week before Exam # 2 <b>Quiz #3:</b> Th, 11/29
<b>Other Important Dates:</b>	11/22: Thanksgiving, NO CLASSES! Yay!
<b>Office Hours:</b>	2-4 PM on Tu and Th, or by appointment.

## General Information

1. **Information on Grading:** The grade breakdown will be as follows:

Homework Average:	15%
Quiz Average:	15%
Exam #1:	20%
Exam #2:	20%
Final Exam:	30%

2. **Information on Homework:** At the end of this syllabus you will find a list of all homework questions that you are expected to turn in. There are no due dates for these assignments right now because I don’t want a predetermined schedule to determine the pace of the class, but rather go as fast as what you

all are ready for, spending more time on some subjects as needed. After we complete a section in class, that section's problems will be due. On the last class period of the week you are to turn in the problems from all sections that we completed. Usually we will cover a few sections a week, and I will announce for sure which sections you need to turn in well in advance (um, I forget to do this quite often as I get so excited to talk math with you all, please ask me if you'd like to know exactly what is due just in case I forget, it is much appreciated). This doesn't mean that you should wait for then to do any work. You should be reviewing the class' lecture and be working on homework all week. Actually, as boring as it sounds, it's a great idea to make sure you keep up with the class, and not fall behind. If you work on it every day, you'll also be able to better take advantage of my office hours, which are listed at the top of this sheet. One homework assignment will be dropped and the rest will be averaged to count towards 15% of your final grade. Late homework is not accepted, and here's why: When I get your homework, I give it immediately to the paper grader, who takes it away. If I get an assignment late, then I have to get the paper grader to pick it up, and I put them through more work, which is something I don't want to put them through. If you know you're not going to get your assignment in on time, or if something comes up, then let me know ahead of time and we might be able to work something out just talk to me about it.

Each homework assignment will be worth 100 points. Sometimes at the end of a section there are a few questions called "Putnam Exam Challenge". If you try one of these and get it right, then I will award you 5 extra points for the assignment, up to a maximum of 10 extra points per assignment.

There is one special homework assignment that is worth as much as any of the other homework assignments. You are to fill out a personal information sheet which you can find on the course webpage or from me, and **personally hand it to me in my office** (JB 322) where we can chat for a few minutes. I'd like to get to know each of you and this sheet will help me to know the kind of class you are. Please try to do this the first week or two. It is typical that near the beginning of the class a long line develops—they only take a few minutes each, so please try to be patient.

3. **Information on Quizzes:** There will be 3 quizzes this term, the dates are given above. You'll notice that each quiz is exactly 1 week before each of the exams, and that quizzes are worth far less than the exams. This way the quizzes are a good practice for the exams, and if you screw up the quiz it won't be as bad as screwing up the exam. The quizzes will usually be during the first half of class.

4. **Information on Exams:** There will be two midterm exams. The dates are above, and they will usually take place during the first hour of class time – don't assume the test is during the last hour and come late, I'll be collecting everyone's exams at the same time.
5. **Information on the Final Exam:** The final exam will be cumulative, at the date given above.
6. **Information regarding the week of 11/12–11/16:** I will most likely be away this week to attend a math conference. At this time it is not yet possible to plan the courses activities this week, which displeases me very much. These matters will be discussed in class as appropriate, but at this time, you may plan on having an exam for one class period during this week, and that the other class period will be either substituted or made up throughout the course of the term. Simply canceling class is not an option.
7. **General information regarding the class:** I can guarantee that if YOU are the person whose cell phone goes off, then everyone will know it. PLEASE save yourself the embarrassment of your cell phone going off by turning it on silent before class starts. It's embarrassing to you, and disruptive to the class.

If you are in need of an accommodation for a disability in order to participate in this class, please let me know ASAP and also contact Services to Students with Disabilities at UH-183, (909)537-5238.

In general, I think this course is going to be awesome! I really can't stress enough how important it will be to stay on top of your homework and to see me when you have difficulties. This is the only reason I have office hours, and, unless there is an unavoidable conflict, I will always be there. Email is the best way to contact me, as I check it often. Good luck, and ROCK ON!!!

## List of Homework Problems to Turn in:

Below is the list of problems you are to turn in from each section. I know it may seem like a lot, but Calculus is very much about practice. I have looked through EVERY PROBLEM in the book to make sure that whatever problems I ask you to do are exactly the ones you'll need to know how to do. Good luck!

- Section 4.1: 1, 2, 4-6, 16, 17, 22, 28, 30, 33-35, 41, 45, 55, 62, 83, 89, 91, 96.  
Section 4.2: 1, 3, 4, 7, 8, 10, 15, 16, 23, 26, 28, 31, 39, 40, 47, 50, 54, 75(a and b only), 79, 82.  
Section 4.3: 4, 6, 15, 18, 31-36, 41, 44, 45, 63, 64, 67.  
Section 4.4: 1, 2, 6, 10, 15, 18, 23, 28, 34, 39, 40, 47, 50, 52, 61, 69, 78, 81, 82, 87, 89, 92, 103.  
Section 4.5: 1, 2, 7, 8, 15, 20, 22, 23, 37, 47, 54, 64, 68, 72, 73, 99, 102.  
Section 5.1: 41, 48, 56, 70, 103, 104.  
Section 5.2: 2, 3, 8, 19, 20, 28, 34, 35, 50, 52, 64, 68, 71, 88, 97.  
Section 5.3: 35, 36, 47, 53, 63, 66, 101-104.  
Section 5.4: 33, 37, 42, 48, 55, 91, 92, 102.  
Section 5.5: 37, 40, 43, 51, 63, 102, 104-106.  
Section 5.6: 5, 7, 12, 18, 21, 43, 46, 50, 61, 77, 85, 86, 88, 94(a only), 96.  
Section 5.7: 2, 3, 7, 12, 14, 22, 31, 33, 41, 43, 54, 67.  
Section 8.1: Choose any seven of the problems between 15 and 46 to turn in.  
Section 8.2: 11, 12, 17, 23, 28, 36, 53, 58, 66, 90, 96.  
Section 8.3: 5, 8, 9, 13, 25, 30, 32, 35, 44, 70, 72, 95, 99.  
Section 8.4: 5, 6, 9, 12-14, 23, 31, 39, 42, 43, 47, 50, 54.  
Section 8.5: 7, 8, 12, 14, 18, 20, 22, 32.  
Section 8.7: 5, 8-10, 15, 28, 31, 75, 77, 78, 93, 94, 110.  
Section 8.8: 5, 9-11, 26, 29, 49, 55, 85-87.  
Section 7.1: 2, 3, 6, 13, 17, 21, 31, 48, 92.  
Section 7.2: 1, 2, 4, 8, 11, 14, 15, 21, 47, 53, 77.  
Section 7.3: 1, 2, 4, 13, 16, 21, 22, 25, 43.