

Math 211, Winter 2009

Course Syllabus, Call # 22805

Title:	Calculus I
Text:	<i>Calculus of a Single Variable,</i> <i>8th edition,</i> by Larson, Hostetler and Edwards.
Classroom:	JB 138
Meeting time:	6-7:50 PM, Tuesdays and Thursdays
Instructor:	Dr. Corey Dunn
Dr. Dunn's Office:	JB 322
Dr. Dunn's E-mail:	cmdunn "at" csusb.edu
Dr. Dunn's Phone:	(909) 537-5368
Final Exam Date:	Thursday, March 26th, 6-7:50 PM
Exam Date:	Thursday, February 12
Quiz Dates:	Quiz #1: Thursday, February 5 Quiz #2: Thursday, March 19
Other Important Dates:	(See the academic calendar for important dates)
Office Hours:	4-6, Tuesdays and Thursdays or by appointment.
Course Website:	http://www.math.csusb.edu/faculty/dunn/211-091/211-091.html (a copy of this syllabus may be found there)

General Information

- 1. Information on Grading:** A breakdown of the course grades are 30%: quiz average, 30%: midterm, and 40%: final exam. The grading scale will follow the standard 90% to 100% is in the A range, 80% to 89% is in the B range, etc.
- 2. Information on Homework:** Homework from each section will be assigned to increase your understanding, but not collected for credit. The idea is that I have chosen as many problems as I feel you need to do to fully understand the concepts. Should you have a grasp of any material that you feel as though you don't need to go through the busywork of doing, I am not going to force you to complete an assignment that will waste your time. And, of course, if anyone would like to discuss any homework questions, the beginning of class time will usually be set aside to answer some homework questions (maybe 15 minutes or so), or more privately during my office hours. The list of homework questions that will increase your understanding are given at the end of this syllabus.
- 3. Information on Quizzes:** There will be 2 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. Moreover, the quizzes will be a reasonable approximation of the exam (just shorter, but more or less the

same content), so the quizzes will provide a really good measure of how prepared you are for the exams. The quizzes will usually be during the first 30 minutes of class.

4. **Information on Exams:** There will be one midterm exam which begins at the start of class. The date is above, and it will take place during the entire class time – don't assume the test is during the last hour and come late!
5. **Information on the Final Exam:** The final exam will be cumulative, at the date given above (this date and time may also be found on the academic calendar, where there is a list of final exam times and dates).
6. **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.

The 25-35 Student Advice: Study 25 hours a week if you are taking three courses, 35 if you are taking four. This is about 2 hours/unit/week. Time in class and studying is equivalent to a 40-50 hour work week; quite reasonable. Make sure you are learning. You know something if you can talk about it and teach it to someone else. If you cant, you dont. Test yourself before exams; dont let the instructor be the first to test your knowledge. Plan to graduate in four years.

Any issues of academic integrity will not be tolerated by me or this school. Please refer to the CSUSB catalogue for information about plagiarism and cheating.

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 understanding of the concepts, and that trying the homework problems will be excellent practice! Be sure to see me if you have any difficulties. This is the only reason I have office hours, and, unless there is an unavoidable conflict that (whenever possible) would be announced in advance, 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 1.1: 7.
- Section 1.2: 1, 2, 11-14, 19, 20, 22, 23, 29, 36, 41, 43, 63, 65, 66.
- Section 1.3: 1, 6, 14, 24, 30, 38, 41, 42, 49, 52, 57, 75, 76, 83-85, 91, 92, 113, 115, 116.
- Section 1.4: 2-6, 11, 18, 19, 36, 37, 40, 62, 69-72, 83, 84, 92, 93, 99, 101.
- Section 1.5: 1-5, 29, 30, 34, 35, 61, 67, 69, 71, 75.
- Section 2.1: 1, 2, 4, 12, 14, 18, 21, 24, 25, 31, 37-40, 59, 81-84, 100-102.
- Section 2.2: 1, 3, 5, 7, 10, 14, 20, 22, 24, 43, 46, 49, 55, 59, 60, 74, 83-86, 88, 93.
- Section 2.3: 1, 4, 6, 7, 10, 25, 28, 33, 36, 47, 50, 54, 65, 81, 85, 94, 95, 129, 131, 134.
- Section 2.4: 1-3, 7, 8, 22, 28, 41, 42, 49, 58, 67, 72, 101, 122.
- Section 2.5: 1, 2, 5, 6, 11, 16, 33, 38, 45, 46, 77.
- Section 2.6: 1, 4, 6, 13, 22, 25, 27, 33, 49.
- Section 3.1: 1, 2, 5, 8, 11, 14, 15, 17, 19, 21, 25, 27, 33, 36, 41, 60, 62, 64-66.
- Section 3.2: 1, 11, 13, 18, 19, 31-33, 37, 39, 42, 58, 60, 73-76, 78.
- Section 3.3: 1-4, 6, 26, 34, 55, 57, 58, 61, 64, 79, 99.
- Section 3.4: 1, 2, 4, 7, 16, 20, 26, 29, 36, 51-54, 81, 82.
- Section 3.5: 3-8, 16, 17, 22, 29, 55, 58, 62, 72, 99, 102, 105.
- Section 3.6: 1-4, 10, 14, 24.
- Section 3.7: 3, 4, 8, 9, 27, 33.
- Section 3.8: 1, 2, 15, 19, 33, 42.