

Math 618, Fall 2009

Course Syllabus, Call # 80310

Title:	Studies in Analysis
Text:	<i>Multivariable Mathematics</i> , by T. Shifrin.
Classroom:	JB 383
Meeting time:	6-7:50 PM, Mondays and Wednesdays
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
Scheduled Final Exam:	Wednesday December 9th, 6-7:50 PM
Midterm Exam Date:	Monday 11/9
Other Important Dates:	11/11, Veteran's Day, no classes! 11/26, Thanksgiving, no classes!!! Yay!
Furlough Days:	9/25, 10/6, 10/22, 11/25, 11/30, 12/11.
Office Hours:	4-6 Mondays and Wednesdays, or by appointment.
Course Website:	http://www.math.csusb.edu/faculty/dunn/618-094/618-094.html (a copy of this syllabus may be found there)

General Information

- Course Content:** This course is about "theoretical calculus of several variable with applications." Roughly, we will cover Chapters 3–8, skipping over material which is clearly prerequisite. In general, this book is at a lower level than this course, and so you may expect that we will be covering most of the more difficult concepts within it. The homework questions will be as such, and you should be able to do the other (more easy) homework questions as well, although they may not be assigned.
- Information on Grading:** The grading will be on a standard percentage basis, with the ranges of A for 90-100%, B for 80-89%, C for 70-79%, etc. The grades will be computed as follows:

Portfolio Entry:	10%
Homework Average:	20%
Midterm:	30%
Final Exam:	40%

- Information on the Portfolio Entry:** You will be required to choose one proof or solution to write up for one of your M.A. portfolio entries. You must complete your portfolio entry (ready for submission into your portfolio) and obtain my signature before the final exam. I suggest choosing a problem and getting this done as soon as you find a problem or theorem that interests you, since at the end of the quarter it may be a while

before I could get any submissions needing corrections back to you. Once you have my signature, you will earn your 10% for this grading item.

4. **Information on Homework:** I will assign problems from the book and also occasionally make up some problems myself. Most of these will be proof-type problems and usually I will collect homework once we cover the material and have a reasonable amount of time to work on the problems. The lowest homework score will be dropped, and the rest will be averaged to account for 20% of your final grade.
5. **Information on Exams:** There will be one midterm exam which begins at the start of class.
6. **Information on the Final Exam:** The final exam will be cumulative, at the date given above.
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. Not vibrate-silent mode. 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.

Information regarding furloughs. On the dates listed above I will be forced to take an unpaid day of vacation, and I am contractually forced to both not work that day and not exceed a certain amount of work in a certain amount of time. This means that I will NOT be working on those days listed above (no office hours, no grading, not answering emails-nothing), and class is cancelled on any of those days which fall on a class day-that may sound like fun, but what it means is that you are being asked to learn 100% of this class with only 90% of the class periods, and I will do what I can to make up the difference, but I can't *overwork* myself to make that happen. . . in fact, I'm being *forced* not to overwork to help you. I will discuss the general impact of these furloughs in class, but you should know that the state's representatives and the Cal State Chancellor's office made this decision (although it was voted upon by a large body of people). If you are outraged that your education does not appear to be important to your state representatives and by the Chancellor's office (as I am), I encourage you to contact those offices and voice your opinion.

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!!!