Math 5C Syllabus - Summer 2009

M-F 2-3:10, 387 104

• **Instructor:** Jarrod Pickens

• **Email:** jarrod@math.ucsb.edu

• **Office and Office Hours:** South Hall 6431K, Tues-Fri 12:45-1:45 and by appt.

• **Webpage:** http://www.math.ucsb.edu/~jarrod

**Text:** Vector Calculus, by M. Lovric (UCSB ed.) - available at the bookstore

**Material to be covered:** We will be covering topics from chapters 7-8 and 10-12. This will include: Classical Integration Theorems, Sequences and Series, Fourier Analysis, and Partial Differential Equations.

**Exams:** There will be a cumulative final exam which will be worth 50% of your grade. The exam will take place on Wednesday, July 29. Although no calculators will be permitted on the exam, you will be allowed to use a formula sheet. There will be no makeup exam.

**Quizzes:** There will be weekly quizzes which will count for 20% of your grade. These will take approximately 10-15 minutes to complete and will consist of definitions, basic calculations, and applications and will be good practice for the final exam.

**Projects and Class Participation:** This will account for 30% of your grade. There will be 3 projects throughout the summer session. These may be worked on in groups, but each student should write up the results independently. I will also be monitoring class participation and will discuss this more in class.

**Homework:** Homework will be available through WeBWorK. Although homework will be completely optional, many quiz or exam questions may come directly from the homework. Also I will consider any completed homework to be worth extra credit (up to 25% of your grade).

**Extra Help:** PLEASE ASK QUESTIONS IN CLASS or attend my office hours if you do not completely understand what we have covered in class. If you need extra help, you should: visit the math lab (SH 1607), attend CLAS, or form study groups.

**Other:** Students with disabilities who need special academic accommodations should contact me as soon as possible with the appropriate documentation from the Disabled Students Program.