Math 3B/3C Syllabus
SIMS Program, Grace Kennedy

SIMS Website: http://www.epsem.ucsb.edu/summer_programs/sims.html
Course Website: http://math.ucsb.edu/~kgracekennedy/SIMSsummer2011.html
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Expectations:

• After attending lecture, reviewing concepts, applying them to homework problems and applications with your peers, you will be able to
  1. solve integrals using “reverse 3A logic” and a variety of integration techniques
  2. relate these integration techniques to derivation techniques
  3. understand what a differential equation is and what it means to be a solution to a given differential equation
  4. determine solutions to differential equations
  5. identify and apply integration techniques helpful in solving differential equations

• Please be on time or a few minutes early. We will spend the first few minutes working on a problem I’ll have on the board.

• Please turn off cell phones. If a cell goes off, you will be expected to lead us in a round of the quadratic formula song. (Don’t worry, we’ll sing back-up.)

• Take notes. Not everything I cover will be in the course reader or in handouts I provide, and you will wish you could remember what I said about such-and-such.

• Work with your classmates. You will get your homework finished faster, and you will gain deeper understanding of the concepts by discussing them. Make sure you are explaining as well as listening, even if it is explaining back something that was explained to you.

• Turn in your own work. Definitely work with others, but the work you submit should be your own. Once you discuss problems with your classmates, make sure that you do your own original write-up of the solutions. (Not doing so is an honor code violation and a waste of your grader’s time.)

• In college, you should not only learn how to solve math problems, how to solve things etc... but also how to express your knowledge. Through discussion with others and written homework, I expect you to improve on your verbal and written expression in mathematics. Pay special attention to the quality of solutions you write up.
• Have pride in your work. You should be proud to turn in high quality solutions that represent your own understanding.

Webwork:

• http://homework.math.ucsb.edu/webwork2/SIMS-Summer2010-Kennedy/

• Login names and passwords are your last names. **Login ASAP to confirm you can get to your HW and change your password.** Email me immediately if there is a problem.

• Some questions have a limited number of tries, so be careful.

• There is a link to a list of functions for Webwork at the right of your screen when you are doing a problem set.

  http://webwork.maa.org/wiki/Available_Functions

• **Keep in mind:** I will choose the WeBWork and written work to help you get an idea of what is expected in homework vs. what is expected on an exam. Hopefully you will understand the pro’s and con’s of WeBWork. One of the goals of having WeBWork and written work is to help you learn how to fill in the gaps of an entirely electronic system. Once the school year starts, all homework will be electronic.

**Academic Integrity:** From a module during our TA training course.

“Any test, paper, or report submitted by you and that bears your name is presumed to be your own original work that has not previously been submitted for credit in another course unless you obtain prior written approval to do so from your instructor.

In all of your assignments, including your homework or drafts of papers, you may use words or ideas written by other individuals in publications, Web sites, or other sources, but only with proper attribution. "Proper attribution" means that you have fully identified the original source and extent of your use of the words or ideas of others that you reproduce in your work for this course, usually in the form of a footnote or parenthesis...

If you are not clear about the expectations for completing an assignment or taking a test or examination, be sure to seek clarification from your instructor or TA beforehand.

Finally, you should keep in mind that as a member of the campus community, you are expected to demonstrate integrity in all of your academic endeavors and will be evaluated on your own merits. So be proud of your academic accomplishments and help to protect and promote academic integrity at UCSB. The consequences of cheating and academic dishonesty—including a formal discipline file, possible loss of future internship, scholarship, or employment opportunities, and denial of admission to graduate school—are simply not worth it.”

Source: http://gsi.berkeley.edu/resources/