MA 122 – Calculus II
Summer II, 2011

Instructor: Anna Barry
Course: CAS MA 122 B1, Calculus for the Life and Social Sciences II
Dates: MTWTh 1-3 PM, Summer II, July 5-August 11, 2011
Location: PSY B41
Course Texts: **Calculus for Business, Economics, Life Sciences, and Social Sciences** by Raymond A. Barnett, Michael R. Ziegler, Karl E. Byleen; (12th Edition) AND **Additional Calculus Topics** supplement
Course Website: http://math.bu.edu/people/annab/teaching.html
My Office: MCS 151
My Office Hours: To be determined on the first day of class
My Email: annab@math.bu.edu

Course Description: This course will cover a review of single-variable calculus, calculus of the elementary transcendental functions, methods of integration, sequences and series, elementary differential equations, elementary multi-variable calculus, applications to exponential growth, optimization, equilibrium, and dynamic modeling problems. The new material we will cover can be found in Chapters 7-9 of the text and Chapters 1 and 2 of the supplement.

Homework: Homework will be assigned daily and posted to the course website, but will not be collected or graded. However, weekly quizzes will be based on the homework problems and so it is very important that you take the time to do it.

Quizzes/Exams: Every Monday, there will be either an exam or quiz. The quizzes will be based on the assigned homework problems, and may sometimes include these problems verbatim. There will be two midterm exams and one final exam. The final exam will be held on the last day of class. Make-up exams will be given only in very exceptional circumstances (note: pre-arranged travel is *not* an exceptional circumstance). In these special cases, the student must obtain an excused absence from me *prior* to the exam.

Group Work/Attendance: The best way to learn mathematics is to do it yourself! Because of this, an emphasis will be placed on in-class group work. Occasionally, you will be asked to present your findings at the blackboard. Needless to say, attendance is very important- missing one class during summer semester is the equivalent of missing an entire week during the school year! If you must miss a class, it is your responsibility to learn the material and get the notes from another student. I will not repeat lectures during my office hours.

Grading Breakdown:
Quizzes: 20%
Group Work: 15%
Midterms: 20% each (40% total)
Final: 25%

Academic Conduct: Your work and conduct in this course are governed by the CAS Academic Conduct Code. This code is designed to promote high standards of academic honesty and integrity as well as fairness. A copy of the code is available in CAS Room 105 if you cannot access it on the web, and it is your responsibility to know and follow the provisions of the code. In particular, all work that you submit in this course must be your original work. Any cases of suspected academic misconduct will be referred to the CAS Student Academic Conduct Committee.