   by Lawrence D. Hoffman and Gerald L. Bradley: Ninth Edition

   2. Student Solutions Manual for Hoffman and Bradley

COURSE OUTLINE:
An introduction to core notions of calculus. Specific topics include: Differential Calculus
using polynomial, exponential and logarithmic functions, and its application to
optimization; Integral Calculus with area and business applications; Partial derivatives
and related optimization problems.
Text Sections (Review A1, A2, 1.1-1.4) 1.5-1.6, 2.1-2.5, 3.1-3.5, 4.1-4.4, 5.1-5.5, 7.1-7.3

I. REQUIREMENTS:
   1. Prerequisites: MAC 2147 with a grade of C or better, or MAC 1105 with a grade of C or better are required. The only other way to fulfill this requirement is by providing documentation of a score 72 or better on the College Level Mathematics Placement Exam administered by the FIU Testing Center in PC 248. Students who do not show that they have met the prerequisite are subject to assignment of a failing grade, F0, or to administrative drop.

   2. Attendance: Attendance at all classes is expected. You need to be on time and remain the entire period. You are responsible for all material covered during class and assigned in the text. If you are absent from class, then it is your responsibility to obtain the notes from a fellow student. Please bring the text with you to class.

   Cell phones and beepers must be turned off before entering class.

   3. Exams: There will be 4 exams: 3 midterms and a final. No make up exams will be given. Tentative exam schedule: 9/26, 10/29, 11/19, 12/10 (on 12/10 only from 12:45-15:30) The dates will be finalized and confirmed at least 2 class periods before each exam.

   All exams will be closed book. Formula sheets, calculators, cell phones and beepers are not allowed. Exams will be based on lectures, text assignments, problems similar to assigned homework. The final exam is cumulative.

II. POLICIES:
   1. NO MAKE UP EXAMS WILL BE GIVEN.

   2. The performance measures are your exam grades. The approximate weight given to each midterm exam is 23% of the total grade, the final exam will count approximately 30%. Grades, for those correctly enrolled with required prerequisites, will be based on individual academic achievement assessed by performance on exams. All requests for special consideration in grade determination will be denied.

   MINIMAL GRADE SCALE: 90-100 % A; 77-89 %B; 63-76%C; 51-62%D; below 51% F (Pluses and minuses may be used).

   At the end of the course, grades will be posted using Panthersoft on the FIU website.
3. Cheating, plagiarism, and academic misconduct will not be tolerated. Students will not be allowed to leave the room during an exam. Exams which have been disassembled will not be accepted. Students must not sit near study partners. You must eliminate formulas or other aids from your possible field of vision before accepting an examination. There must be no talking during exams.

4. Excused absences for exams may be given only for certain documented emergencies (primarily medical). They will not be given for attendance at scheduled activities, whether University sponsored or not, to attend other classes or for family or business trips.

To apply for an excused absence, you must submit a letter from an appropriate professional (not related to you) on letterhead with legible signature and telephone number including the following 3 statements: 1) it was not possible for the student to take a test on the specific date, 2) the absence was required by a medical problem verified by the professional and 3) this absence was beyond the control of the student. No excused absence will be given for an elective procedure scheduled to conflict with an exam. Letters requesting that a student be excused which do not contain the required 3 elements will not be accepted.

Excused absences will result in the student's grade being calculated without the excused activity present. No makeup exams will be given.

III. SKILL PREREQUISITES: (You will need to use the following without further instruction):

It is important to note that College Algebra is an essential skill which will be used heavily throughout the course.

Algebraic skills: solving equations involving quotients and products of polynomials and inequalities. Functions: the general concept and exponential and logarithmic functions. The coordinate plane, equations of straight lines and circles, distance and graphing.

IV. Additional sources of help:

1 Math Aid Center, located in PC 318 (phone 305-348-2180). Call them 10-4, Monday-Friday, for schedule of the math tutors.

2 There are also tutors available at Multicultural Programs (available to all students), their hours are sometimes more flexible. Located in GC 216, phone 305-348-2436.

3 Math Dept. Tutoring Lab: For schedule, phone Math Department (phone 305-348-2743).

4 Online help: see http://www.fiu.edu/~gato/livetutor/

5 Cinemat: online lectures at http://w3.fiu.edu/math/cine_math/business_calculus.htm

Please note: Nov. 2 is the last date to drop the course with a DR grade. It is of great importance that you accurately assess your course performance prior to this date.