

## MAC 3313 — Calculus 3

Section 4, Fall 1996. MWF 12:20–1:10 TR 12:30–1:45 201 LOVE

Instructor: Bellenot.

The good doctor's Office: 002-B Love (Yes, it is "Bellenot in the basement"). Office Hours: MW 1:30 – 2:15 or by appointment. E-mail addressed [bellenot@math.fsu.edu](mailto:bellenot@math.fsu.edu) will get to the good doctor, who reads his e-mail each afternoon.

Eligibility: A grade of C- or better in Calculus 2 (MAC 3312). Students with more than eight hours of prior credit in college calculus are required to reduce the credit for MAC 3313 accordingly. Also you must never have completed (with a grade of C- or better) a course for which MAC 3313 is a (stated or implied) prerequisite. It is the student's responsibility to check and prove eligibility.

Text: Steward 3<sup>rd</sup> edition (This edition has the black cover). (There are two ways to get the text. If you don't have a copy, the *Multi-variable Calculus* version covers what you need for this class. There is no need to buy the version that includes all of calculus.)

Coverage: Chapters 11-14 and additional material on Maple as time allows.

Final: At 7:30 – 9:30 Friday Dec 13, 1996. (Note the Very **BAD** Final Time.)

Tests: (3) Tentatively at Sep 18(19?), Oct 22(23?) (or Oct 30(29?)) and Nov 26(27?). No Makeup tests.

Projects: Using Maple, Every Wednesday. No Late Projects. The Mathematics Ulab will provide student access to Maple. Alternately, the student version of Maple is less than \$125. The class assumes no prior use of Maple, but if you like tutorial books *The Maple Flight Manual* is reasonable.

Grades: 90% A, 80%B, 70%C, 60%D.

Relative Weights  $F = 2T$  and  $T = P$  ( $F$  is  $1/3$ , each  $T$  is  $1/6$  and  $P$  is  $1/6$ ).

Homework and Attendance are required. Each student must turn in a **Xeroxed** copy of their homework at the beginning of each class. Homework is assigned daily and due the next class period. (There are no public xerox machines in the Love Building, but there are some in the near by Dirac Science Library.) Attendance will be taken by checking off homework. It is the student's responsibility to see that homework is delivered on time. (The homework needs to be turned in even when the student is absent.) Likewise, being absence is not a valid reason for not knowing the next assignment.

### **Five or more late or missing homeworks is an automatic FAIL.**

Fair Warning: *The good doctor teaches this course differently than other instructors. The order of material will be different and so will be the emphasis.*

**Projects:** The computer package Maple will be used for projects. Not all sections require maple usage.

The Web page for the class is "<http://www.math.fsu.edu/~bellenot/class/f96/cal3>".

### Additional Items of Note

**MATH HELP CENTER.** The Math Help Center is located in 110 MCH (Milton Carothers Hall) next door to the Love Building. The hours of operation will be announced when they are available. Please be aware that not all workers in the Help Center will be able to assist with Calculus III.

**HONOR CODE.** The Academic Honor System of The Florida State University is based on the premise that each student has the responsibility 1) to uphold the highest standards of academic integrity in the student's own work, 2) to refuse to tolerate violations of academic integrity in the University community, and 3) to foster a high sense of integrity and social responsibility on the part of the University community.

**AMERICAN DISABILITIES ACT.** Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); 2) bring a letter to the instructor from SDRC indicating you need academic accommodations. This should be done within the first week of class.