STUDENT SYLLABUS **MAC 2311-06 [Honors]** **Fall 1999**

INSTRUCTOR: The Good Doctor Bellenot

OFFICE: 002-B Love ('B' for Bellenot in the Basement)

OFFICE HOURS: M 10-11, TR 10-10:50 or by appointment

EMAIL: bellenot@math.fsu.edu

WEBSITE: http://www.math.fsu.edu/∼bellenot/class/f99/cal1

ELIGIBILITY: You must have the course prerequisites listed below and must never have completed with a grade of C- or better a course for which MAC 2311 is a (stated or implied) prerequisite. Students with prior credit in college calculus are required to reduce the credit for MAC 2311 accordingly. It is the student's responsibility to check and prove eligibility.

PREREQUISITES: You must have passed MAC 1140 (College Algebra) and MAC 1113 (Trigonometry) (or MAC 2140 and MAC 1114 at TCC) with a grade of C- or better or have appropriate transfer credit. Placement in AMP Group 1 or 1H (or 2 if you are currently taking trigonometry) is also considered to satisfy the prerequisite. AMP Group 3A with prior college algebra or AMP Group 3B with prior college trigonometry will also satisfy the prerequisite requirements.

TEXT: Calculus (Second Edition), by Hughes–Hallett, Gleason, McCallum, et al.

CALCULATORS: Students are required to have a modern programmable graphing calculator, not all programmable graphing calculators are acceptable. The TI-89 is **strongly** recommended.

COURSE CONTENT: Chapters 1–6 of the text.

COURSE OBJECTIVES: The purpose of this course is to introduce students to calculus and to demonstrate its usefulness in selected applications.

FSU COMPUTER ACCOUNT: Every student must get a (free) garnet FSU computer account so as to receive class email. These are obtained from the web page below.

https://register.acns.fsu.edu/CARS/new_accounts.html

(Students who prefer to read their e-mail elsewhere can have their garnet e-mail forwarded by filling out the webpage at the URL below.)

https://register.acns.fsu.edu/CARS/forward.html

ATTENDANCE: Attendance is required. Excessive absences will result in a reduction of the student's grade.

GRADING: There will be three unit tests, a web test and a cumulative final exam. The instructor will also give graded group homework. In addition, there will be one group project. Numerical course grades will be determined by the larger of Av1 and Av2 where Av1 = (5U+2HPW+3E)/10, Av2 = (3U+2HPW+5E)/10, U = unit test average, HPW = combined homework, project and web test grade, and E = final exam grade. Letter grades will be determined from numerical grades as follows. A: 90-100; B: 80-89; C: 70-79; D: 60-69; F: 0-59. Plus/Minus letter grades will be assigned to high/low numerical grades. A grade of I will not be given to avoid a grade of F or to give additional study time. Failure to process a course drop will result in a course grade of F.

EXAM POLICY: No makeup tests will normally be given. In a class with quizzes, no makeup quizzes will normally be given. In a class with graded homework, late homework will not normally be accepted. A missed test, quiz, or homework assignment may be excused if the student presents sufficient verifiable evidence of acceptable extenuating circumstances. If a test absence is excused, then the final exam will be used for the missing test grade. If a quiz absence or missed homework assignment is excused, then the next unit test grade will be used for the missing grade. An unexcused absence from a unit test will be penalized. An unexcused absence from a quiz, or an unexcused missed homework assignment, will result in a grade of zero. Absences from tests and quizzes or missed homework due to family social events will not be excused.

Acceptable medical excuses must state explicitly that the student should be excused from class. Students must take the final examination at the scheduled time. Students must bring FSU ID cards to all tests.

PROJECT: You will work on the project in groups of 1–4 students. This project will be a substantial assignment, giving you a chance to earn part of your grade in an environment which simulates the so-called "real world" better than does an in-class exam. It will also give your instructor a chance to base part of your grade on your best work, produced in a setting where time should not be a factor (assuming you start on your project as soon as it is assigned). The results of your work on your project will be presented in a report (one report per group). Each member will also submit a "group evaluation" giving their impression of the relative contribution of each member to the group's effort. These evaluations are due with the project. It is not guaranteed that each member of the group will receive the same grade. The reports will be graded not only on their mathematical content but also on the quality of the presentation: clarity, neatness, and proper grammar are also important. Both reports and group evaluations must be typed. The project will be assigned on Thursday, October 21 and due on Thursday, November 4.

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.

TEST#1 Tuesday, September 21. (Sections 1.1 – 1.10)

TEST#2 Tentatively, Tuesday, October 19. (Sections 2.1 - 4.1)

TEST#3 Tentatively, Tuesday, November 16. (Sections 4.2 - 5.2)

FINAL EXAM Tuesday 14 Dec 5:30-7:30 pm

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. Please note that violations of this Academic Honor System will not be tolerated in this class. Specifically, incidents of plagiarism of any type or referring to any unauthorized material during examinations will be rigorously pursued by this instructor. Before submitting any work for this class, please read the "Academic Honor System" in its entirety (as found in the FSU General Bulletin and in the FSU Student Handbook and ask the instructor to clarify any of its expectations that you do no understand.

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.