

STUDENT SYLLABUS

MAC 2311–07

Spring 1999

INSTRUCTOR The Good Doctor Bellenot

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

OFFICE HOURS M 1-1:15, TR 1-1:50 or by appointment

EMAIL bellenot@math.fsu.edu

WEBSITE <http://www.math.fsu.edu/~bellenot/class/s99/call>

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 programmable graphing calculator.

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.

ATTENDANCE (and HOMEWORK). Attendance is required. Rather than taking roll, your attendance is determined by checking off homework. Homework is assigned daily and due the next class period. Absence is not a valid reason for not knowing the next assignment. Absence is not a valid reason for not having your homework turned in by a classmate.

Four or more late or missing homeworks is an automatic FAIL

PROJECTS. Together there are three activities in this category. There will be several Maple projects. There will be one "Group Project". And finally we will treat the "Gateway test" as a project. Altogether these projects will count like a unit test grade. The "Group Project" will count as two Maple projects. The "Gateway test" will count as one Maple project. The lowest two Maple project scores will be dropped before computing the "overall project average".

GRADING. There will be three unit tests and a cumulative final exam. In addition, there will be a project grade from one group project, several Maple projects and the "Gateway Test". Numerical course grades will be determined by the counting the projects as a unit test and the final as two unit tests. (Thus the Final counts as 1/3 of your grade. Students who have taken all three tests will also have their grade computed with the final counting 1/2 grade and the larger number will be used to determine the letter 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. Late projects will not normally be accepted. Late homework will not normally be accepted. A missed test, 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. An unexcused absence from a unit test will be penalized. Absences from tests and projects 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.

GROUP 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 Monday, March 1 and due on Thursday, March 18.

MAPLE PROJECTS. Weekly assignments to be done using Maple. FSU has Maple installed on most public computer labs (for example, the big lab on the third floor of MCH). The Math department has Maple available in the ulab (MCH 107).

GATEWAY TEST. The gateway test is an on-line computerized test designed to make sure the student can do “standard calculus stuff” without the aid of technology. The test is graded on a pass/fail basis and the student can re-take the test as often as time and patience allows. There will be a location where this test must be taken for credit, but practice tests will be available over the web.

CALCULUS HELP CENTER. The Calculus Help Center is located in 112 MCH (Milton Carothers Hall) next door to the Love Building. The hours of operation will be announced when they are available.

Tentative Tests Dates:

TEST#1 Thurs Jan 28 or Mon, Feb 1. (Sections 1.1 – 1.11)

TEST#2 Thurs Feb 25?. (Sections 2.1 - 3.4)

TEST#3 Mon March 29 or Tues Mar 30. (Sections 4.1 - 4.8)

FINAL EXAM Friday 30 April 10-12

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.