Calculus with Analytic Geometry III
MAC 2313–0006
Spring 2015

INSTRUCTOR: Amod Agashe
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OFFICE HOURS: To be announced
COURSE WEBPAGE: http://www.math.fsu.edu/~agashe/calc3.html
PREREQUISITES: You must have passed MAC 2312 (Calculus II) with a grade of C- or better or have satisfactorily completed at least eight hours of calculus courses equivalent to MAC 2311 and MAC 2312.

TEXT: Calculus or Multivariable Calculus (Early Transcendentals) (7th Edition), by James Stewart. It is recommended that you purchase online the corresponding ebook with WebAssign access as “Single-term Access to eBook and Homework”. However, if you purchase the hard copy of the textbook, then it may include homework access (in the form of an access code). You can access WebAssign via this course’s Blackboard web site. Note that WebAssign is recommended, but not required. In particular, WebAssign will not be used for any grading on this course.

COURSE CONTENT and OBJECTIVES: The purpose of this course is to introduce students to more advanced topics in Calculus (e.g., vectors and vector functions, partial derivatives, multiple integrals, and vector calculus) and some of their applications. We will cover most of Chapters 12–16 of the text and other topics, if time permits.

GRADING: There will be three unit tests and a final exam. The unit tests are tentatively scheduled for Feb 5, March 3, and April 2 during the lecture. The final is tentatively scheduled on April 30 (Thursday) 12:30–2:30 p.m. (at worst it may get moved to the same day 7:30–9:30 a.m.). The dates for the tests will be finalized and announced in the second week of classes. If you have serious objections to any of the dates above, email the instructor by the end of the first week of classes. The overall grade will be calculated based on the following weights: the first two unit tests: 20% each, third unit test 25%, and the final: 35%. Homework will be assigned, but not collected or graded. However, it is important that you do homework on a regular basis to do well in the exams. 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 or minus grades may be assigned in a manner consistent with standard University practice. 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.

UNIVERSITY ATTENDANCE POLICY: Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

COURSE ATTENDANCE POLICY: It is highly recommended that you attend all lectures, and I will assume that you do so. If you miss a class during which no test was held, you need not submit any documentation; however, for any class missed, it is your responsibility to find out what material was covered, what announcements were made (including any changes), etc., from another student.

EXAM POLICY: No makeup tests will normally be given. A missed test may be excused if the student presents sufficient verifiable evidence of acceptable extenuating circumstances before the test (only in the case of an emergency: after the test). Absences from tests due to family social
events will not be excused. Acceptable medical excuses must state explicitly that the student should be excused from class. 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. Students must bring FSU ID cards to all exams.

ACADEMIC HONOR POLICY: The Florida State University Academic Honor Policy outlines the University’s expectations for the integrity of students’ academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to “... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University.” (Florida State University Academic Honor Policy, found at http://fda.fsu.edu/Academics/Academic-Honor-Policy.)

AMERICANS WITH DISABILITIES ACT: Students with disabilities needing academic accommodation should: (1) register with and provide documentation to the Student Disability Resource Center; and (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the: Student Disability Resource Center, 874 Traditions Way, 108 Student Services Building, Florida State University, Tallahassee, FL 32306-4167, (850) 644-9566 (voice), (850) 644-8504 (TDD), sdr@m.fsu.edu, http://www.disabilitycenter.fsu.edu/

SYLLABUS CHANGE POLICY: Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.