INSTRUCTOR: Amod Agashe, email: agashe@math.fsu.edu, office: LOV 216 (enter through 208)
RECITATION INSTRUCTOR: Braulio Molina Gonzalez, email: bmolina@math.fsu.edu, office: MCH 221C
OFFICE HOURS: To be announced (see the course webpage below for latest information)

COURSE WEBPAGE: http://www.math.fsu.edu/~agashe/calc1.html

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

PREREQUISITES: You must have passed MAC 1140 (Precalculus) and MAC 1114 (Trigonometry) with a grade of C- or better in each or have appropriate transfer credit. Placement in AMP Groups A4 and T3 (or A4 and T2 if you are currently taking trigonometry) also satisfies the prerequisite. Additionally, a score of at least a 76% on the ALEKS Placement exam with a Trig Subscore of at least 41% places a student in MAC2311. Students with a Trig Score lower than 41% need to take MAC 1114 either before or petition the Math Department to take Trigonometry at the same time as MAC 2311. It is recommended that students with an ALEKS Trigonometry Subscore of 41-55% take Trigonometry before MAC2311. ALEKS must be taken before starting Mathematics at FSU and within a year of the current semester to be used for eligibility in MAC2311. Students with an AP Calculus score of 3 or better are eligible for MAC2311. In case of further questions, contact Danielle Lewis (Office: LOV 205-D, Phone: (850) 644-5868, Email: lewis@math.fsu.edu).

TEXT: Calculus (Early Transcendentals) (Eighth Edition), by James Stewart. More information about the text and WebAssign, including purchase options, is at the link https://www.math.fsu.edu/~pkirby/calctext/

COURSE CONTENT: Most of Chapters 2–6 of the text.

COURSE DESCRIPTION: This course covers polynomial, trigonometric, exponential, and logarithmic functions; first and second derivatives and their interpretations; definition and interpretation of the integral; differentiation rules; implicit differentiation; applications of the derivative; anti-derivatives; fundamental theorem of calculus. This course must be taken for reduced credit by students with prior credit for some of the content.

COURSE OBJECTIVES: The purpose of this course is to introduce students to calculus and to demonstrate its usefulness in selected applications. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite.

GRADING: There will be three unit tests, occasional short quizzes, and a final exam. The unit tests are scheduled for Feb 2, Feb 21, and March 28 during the lecture. The final is scheduled on May 3 (Thursday) 3:00 – 5:00 p.m. Each quiz date will be announced in class the week before the actual quiz. The overall grade will be calculated based on the following weights: the first unit test: 18%, second unit test: 20%, third unit test: 22%, quizzes: 7%, and final: 33%. 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. 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 or quizzes will normally be given. If a test absence is excused, then the final exam grade may, at the instructor’s discretion, be substituted for the missing test grade. If a quiz absence is excused, then the next 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 will result in a grade of zero. Students must bring FSU ID cards to all tests.

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.

TUTORING FOR MATH: On-campus tutoring and writing assistance is available for this course at Florida State University. For more information, visit the Academic Center for Excellence (ACE) Tutoring Services’ webpage http://ace.fsu.edu/tutoring for a comprehensive list of on-campus tutoring options - email: tutor@fsu.edu. High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success while upholding personal academic integrity.

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. Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided. 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), sdrc@admin.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.