

MAC 2311 - 04
Calculus with Analytic Geometry I
Office hours: MW 12-1
MTWR 2:00-3:00;
LOV 0107

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Text Calculus (Early Transcendentals) (Fifth Edition), by James Stewart:

- **OBJECTIVES:** 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; antiderivatives; fundamental theorem of calculus. This course must be taken for reduced credit by students with prior credit for some of the content.
- **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 Group 1 or 1H (or 2 if you are also taking trigonometry) is also considered to satisfy the prerequisite. AMP Group 3A with prior Precalculus or AMP Group 3B with prior college trigonometry will also work.
- **GRADING:** The course grade will be determined by quizzes and three-four midterm tests. The weighting of each component is given below:

Quizzes (average)	35 %
Tests (average)	65%

- The quizzes will be given in class most Thursdays and will last about 10-20 minutes. The questions will be essentially the same as those in the homework or those worked in class. One quiz will be dropped, hence no make-up quizzes will be given for any reason.
- Midterms will be given in the class and will last for the entire period. I will announce upcoming tests at least one week prior to the exam date. Make-up exams will only be given with a written doctors note or with approval from the dean and myself. The exams will be partially cumulative-part of Test #2 will include information from Test #1 etc.

A *tentative* schedule for the exams is:

TEST#1: Thursday, May 29.

TEST#2: Thursday, June 19.

TEST#3: Tuesday, July 10.

TEST#4: Thursday, August 5.

- 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.
- The course will cover Chapters 2–6 of the text.
- I will assign homework on a more or less daily basis. We will spend a few minutes of each class answering questions from the homework and previous lectures.

- You should plan on spending 2-3 hours working on this course outside of class for every hour of lecture. A portion of that time should be spent reading the section that will be covered during the next class period.
- The Math Help Center is located in 110 MCH (Milton Carothers Hall) next door to the Love Building. The hours of operation will be posted there when they are available.
- Please feel free to contact me by e-mail, phone, after class, before class or during office hours.
- 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 not 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.