

Course Title: Calculus with Analytic Geometry I

Instructors:

Name:	Dr. Yanzhi Zhang	Mr. John George
Duty:	Lecture	Recitation
Venue:	101 LOV	106 LOV
Time:	MW 5:15-6:30pm	R 2:00-3:15pm (section 13) R 3:30-4:45pm (section 14) R 5:00-6:15pm (section 15)
Email:	yzhang5@fsu.edu	jgeorge@math.fsu.edu
Office:	493 DSL	221C MCH
Office hours:	T 2:30-3:30pm (common place DSL) W 6:30-7:30pm (102 LOV) F 9:45-10:45am (common place DSL) (or by appointment via email)	MW 10:15-11:15am R 12:30-1:30pm

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 A4 and T3 will also work.

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

Course Content: Most every section from Chapters 2-6. Supplementary material may be incorporated.

Website: **BlackBoard:** <http://campus.fsu.edu>, **WebAssign:** <http://webassign.net>

Course Objectives: The purpose of this course is to introduce students to the concepts and methods of the differential and integral calculus and to demonstrate their usefulness in selected applications. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite.

Attendance: You are required to be present at each class meeting for the duration of the lecture, and you are strongly advised to attend class regularly. A student absent from class bears the full responsibility for all subject matter and topics, and procedural and administrative information, discussed in class, including any changes made or announced.

Preparation: Students will be expected to have prepared for each class by

- Working assigned homework and studying material covered in the previous class
- Reading the relevant sections beforehand (basically, read one to two new sections for the

next class meeting)

- Listing questions from homework and from studying material
- Downloading and bringing lecture notes to class

Conduct: Respectful behavior is expected in class, including

- Arrive to class on time and wait until dismissed to pack up and leave
- Be quiet and give full attention while an instructor or a student is speaking
- Turn off all electronic devices that might create a disruption

Grading: There will be four unit tests, quizzes/homework, and a cumulative final exam. Each unit test is worth **12.5%** of the course grade, the quiz/homework grade is worth **25%**, and the final exam is worth **25%**. 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.

Quiz/Homework: Homework assignments will be given using **WebAssign** from each section and each section's assignment will be worth **5 points**. In addition, a list of recommended excises shall be made available on WebAssign for each section covered, as the course progress. They are, mostly, similar to the examples discussed in class, with some containing variations to challenge and expand your mathematical knowledge and abilities. Quizzes may be given in recitations (**announced, 10 points** for each) or in lectures (**unannounced, 2 points** for each). **The quiz/homework grade is determined by adding the total number of points earned on quizzes and homework and dividing by the total possible.**

For success in this course, give all the homework your regular and diligent attention, understand each step of the solution to a problem, and work out as many as of the assigned and graded problems as possible. **The recitation is an ideal setting of asking questions about class materials that you don't understand clearly and about homework problems that you have attempted but still need some help with.** In addition, the Math Help Center (see below) is an available resource for obtaining help with the course material (in particular, with specific homework exercises that you have attempted).

Exam Policy: **No makeup tests or quizzes will normally be given.** A missed test or quiz 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 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 will result in a grade of zero. Absences from tests and quizzes 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.

Math Help Center: The Math Help Center is located in 110 MCH (Milton Carothers Hall), which is located between the Love Building and the Dirac Science Library. The hours of operation will be posted at <http://www.math.fsu.edu/~dodaro/MLABHours.html> when available.

Exam Dates: Unit tests shall be announced one week in advance, throughout the semester. They

are tentatively scheduled for **Test1: 01/28(W)**, **Test2: 02/18(W)**, **Test 3: 03/18(W)** and **Test 4: 04/08(W)**, but these dates could change due to the pacing of the material covered in class, and other factors. **The cumulative final exam is scheduled on Wednesday, April 29, 2009, from 5:30pm-7:30pm, in 101 LOV (or in an alternative room TBA).** Conflicts with planned personal business, and social events and activities, on the actual dates and times of the exams, are not considered acceptable excuses for missing any of the exam.

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. (For more information, see <http://dof.fsu.edu/honorpolicy.htm>)

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**.

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:

Student Disability Resource Center; 108 Student Services Building (850) 644-9566 (voice); (850) 644-8504 (TDD); sdrc@admin.fsu.edu; <http://www.disabilitycenter.fsu.edu>.