

**DEPARTMENT OF MATHEMATICS**  
**STUDENT SYLLABUS**  
**MAC 2312 sections 8,9, &10 ( Lecture MWF 2:30 – 3:20 pm , 101 LOV)**  
**RECITATIONS ON THURSDAY'S in 317 HCB (please check your section time)**  
**FALL 2009**

**INSTRUCTOR:** Mr. I. GRIGORIAN

**INSTRUCTOR'S HOME PAGE:** <http://www.math.fsu.edu/~grigor>

**E MAIL ADDRESS:** grigorian@math.fsu.edu

**OFFICE:** 108-D MCH

**OFFICE HOURS:** MW: 1-2 pm ; TR: 12-1 pm ; or by appointment

**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 2312 is a (stated or implied) prerequisite. Students with more than four hours of prior credit in college calculus are required to reduce the credit for MAC 2312 accordingly. It is the student's responsibility to check and prove eligibility.

**PREREQUISITES:** You must have passed MAC 2311 (Calculus I) with a grade of C- or better or have satisfactorily completed at least four hours of equivalent calculus courses. You also may take this course if you have AP credit for MAC 2311.

**COURSE OBJECTIVES:** The purpose of this course is to introduce students to more advanced topics in the calculus and some of their applications. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite.

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

**HOMEWORK :** Homework problems (from the text and lecture notes) will be assigned but not collected or graded for now, but the policy (about Homework) may change as the semester progresses (which will be announced in lecture). Students are encouraged to solve those problems as soon as they are assigned. In recitation, quiz problems will be very similar or taken from the assigned homework problems. Text HW problems, please see my home page.

**CALCULATORS:** Students may use only a scientific calculator, in certain tests/quizzes. No programmable calculators are allowed in the Final exam, unit tests, quizzes and take home quizzes.

**GRADING:** There will be four unit tests, a cumulative Final Exam, and several short quizzes in recitation, and may be some take home quizzes (some quizzes may be given in lecture without notice). No quiz or test grades will be dropped.

The numerical course grade will be determined by the larger of F1 and F2 where

$$F1 = (5U + Q + 4E) / 10, \quad F2 = (4U + Q + 5E) / 10$$

where U = test average, Q = quiz average, E = final exam grade

Letter grades will be determined from numerical grades as follows:

A = 91.50 or above	B+ = 87.50 - 89.49	C+ = 77.50 - 79.49	D = 61.50 - 69.49
A- = 89.50 - 91.49	B = 81.50 - 87.49	C = 71.50 - 77.49	D- = 59.50 - 61.49
	B- = 79.50 - 81.49	C- = 69.50 - 71.49	F = below 59.50

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.

**ATTENDANCE:** Students whose names do not appear on the class roll cannot attend classes. **Students are expected to attend classes, and students with excessive absences (excused or unexcused) will not be given a passing grade or a grade of " I ".**

**TEST/QUIZ POLICIES:** **No makeup tests or early tests or quizzes will be given.** A test or quiz absence will only be excused if the student presents sufficient verifiable evidence of acceptable, extenuating, unavoidable circumstances. An acceptable medical excuse must state explicitly that the holder should be excused from class. Students missing class because of a family death must show evidence of the death and evidence of the relationship to the deceased.

If a test absence is excused, then the Final Exam grade will be used for the missed test grade. If a quiz absence is excused, then no grade will be assigned to the missed quiz. **The Final Exam grade minus a penalty will be assigned for an unexcused-test grade.** A grade of zero will be used for an unexcused quiz grade. Students must bring FSU ID cards to all tests/quizzes.

**TESTS DATES: (All unit tests will be given in recitation)**

- **TEST#1 Thursday, September 17**
- **TEST#2 Thursday, October 8**
- **TEST#3 Thursday, October 29**
- **TEST#4 Thursday, November 19**

**NOTE:**

**I will announce in lecture which sections will be covered for each unit test.**

**COMPREHENSIVE FINAL EXAM:**

- **Date: Friday, December 11**
- **Time: 10:00 – 12:00 noon**
- **Room: 101 Love**

**MATH HELP CENTER:** The Help Center is located in 110 MCH (old EDU). The operating hours are MTWR: 2-7 pm. The Help Center is closed Friday's and on weekends.

**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. Violations of this Academic Honor System will not be tolerated. 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.

**AMERICANS WITH 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.