

STUDENT SYLLABUS
MAC 2312-5, 6, 7
(Calculus with Analytic Geometry II)
Fall 2009

INSTRUCTOR: Dr. Salam Md. M. Khan
E-MAIL: khan@math.fsu.edu
OFFICE: MCH 405-A.
OFFICE HOURS: MWF 12:10 – 1:10 PM, or by appointment.
CLASS MEETS: MWF 11:15 – 12:05 PM, HCB 215.

TA: Mr. Yu Fan, yfan@math.fsu.edu
Recitations: Section 5: R 9.30 – 10:45 AM, 217 HTL
Section 6: R 11.00 – 12:15 PM, 217 HTL
Section 7: R 12:30 – 01:45 PM, 217 HTL

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.

TEXT: *Calculus (Early Transcendentals)* (6th Edition), by James Stewart or, *Single Variable Calculus, Early Transcendentals*, (6th Edition), by James Stewart.

COURSE CONTENT: Chapter 7 – 11 of the text.

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.

COURSE RESOURCES: **Blackboard:** <http://campus.fsu.edu> - for course related material and grades. **WebAssign:** <http://www.webassign.net> - for online homework.

GRADING: There will be four unit tests, short quizzes, homework and a cumulative final exam. Each test is worth 15% of the course grade, the quiz grade is worth 10%, the homework grade is worth 15% and the final exam is worth 15%. The quiz grade is determined by adding the total number of points earned on quizzes and dividing by the total possible. 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. Note that quality of presentation is extremely important. It is not enough merely to produce an answer.

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.

CALCULATOR POLICY: You are allowed to use a Texas Instruments TI30XA Scientific Calculator or a four-function calculator for classroom tests. The use of any other calculator for a classroom test is *strictly forbidden*.

HOMEWORK: You will be assigned homework from each section of the book. The assignments are on <http://www.webassign.net>, and they will be completed and graded online. You can take each assignment multiple times before its due date, and the last grade you get will be recorded as the final grade for that assignment. The homework grade is worth 15% of your final grade.

QUIZ: There will be quizzes in every recitation classes, except in test weeks. There will be 10 quizzes. Quizzes are worth 10% of your final grade.

MATH HELP CENTER: 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.

TESTS: There will be four class tests. Each test will make 15% of your letter grade.

TEST 1: Monday, September 21

TEST 2: Friday, October 16

TEST 3: Friday, November 6

TEST 4: Monday, November 23

FINAL EXAM: The final exam will be on **December 8th, Tuesday, 5:30-7:30PM**. The final exam is comprehensive, and it makes 15% of your letter grade.

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.