MAC 2312 - CALCULUS II - MWF 8:00-8:50am - SYLLABUS - Fall 2014

INSTRUCTOR: Sergio Fenley
Office: 214 Love
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Course web page: http://www.math.fsu.edu/~fenley/teaching

Classes: MWF 8:00-8:50AM - Room 101 Love Bldg (plus recitation lectures)
Office hours: Regular office hours to be decided. Besides regular office hours, you can always email me for an appointment.

RECITATION INSTRUCTOR: Mohammad Aamir Rasheed,
email: mrasheed@math.fsu.edu

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) (Seventh Edition), by James Stewart

COURSE CONTENT: Chapters 7–11 of the text.

COURSE DESCRIPTION: This course covers techniques of integration, some applications of integration, some topics in differential equations, some topics in analytic geometry, and the elementary theory of sequences and series. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite.

COURSE OBJECTIVES: Students will demonstrate the abilities to:

(1) analyze and address problems drawn from real-world scenarios by applying appropriate mathematical, statistical, logical, and/or computational models or principles. For example, applications of differential equations to models of population growth will be covered on one of the tests.

(2) interpret and evaluate data and information, using appropriate technology. They will also be able to communicate clearly a summary of these findings to peers. In particular, students will interpret and explain the concepts required to solve the various problems that arise in the course by making use of the notation and language commonly employed in mathematics and the physical sciences. At least one question on each test will require a written explanation, and the grading of such problems will evaluate both the explanation and the result.

CALCULATORS: The students are encouraged to get a programable graphing calculator. It is a very useful learning device. Unless otherwise stated by instructor, programable calculators are NOT allowed in the tests or final exam, but they are allowed in the quizzes.

GRADES: There will be 3 in term tests and a final exam. Each test/exam counts for 100 points. The final may be cumulative. There will be occasional short quizzes. Quizzes are worth 100 points

maximum. The final numerical average is obtained by (T1 + T2 + T3 + F + Q)/5. The final letter grade will be determined by the numerical grade by a scale which will be ROUGHLY as follows: A: 80-100, B: 70-79, C: 60-69, D: 50-59, F: 0-49. Plus/minus letter grades will be assigned to high/low numerical grades. A grade of I (incomplete) 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 make up exams 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. Unexcused missed exams or quizzes will result in a grade of zero. Students must bring FSU ID card to all tests.

SCHEDULE: Test 1: Friday, 9/19
Test 2: Friday, 10/17
Test 3: Friday, 11/14
Final: Thursday, Dec.11, 12:30 - 2:30pm, Place: Our regular classroom.

TUTORING FOR MATH: Tutoring is available for this course via ACE Tutoring at the Learning Studio in the William Johnston Building. Appointments may be made, and drop-ins are welcome for one-on-one and group tutoring. Please contact the ACE Learning Studio at tutor@fsu.edu, 850-645-9151, or find more information at http://ace.fsu.edu/tutoring.

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 accomodated 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.

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.)

AMERICAN WITH DISABILITIES ACT: Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC); and 2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during 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 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/

LIBERAL STUDIES FOR THE 21ST CENTURY PROGRAM:

The Liberal Studies for the 21st Century Program at Florida State University builds an educational foundation that will enable FSU graduates to thrive both intellectually and materially and to support themselves, their families, and their communities through a broad and critical engagement with the world in which they live and work. Liberal Studies offers a transformative experience; this course has been approved as meeting the Liberal Studies requirements and thus is designed to help you become a critical analyzer of quantitative and logical claims. In order to fulfill the State of Floridas College mathematics and computation requirement the student must earn a C or better in the course.

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.