

**MAC 2312 - CALCULUS II - Section 1 - M8AM - SYLLABUS - Fall 2018**

INSTRUCTOR: Sergio Fenley

Office: 214 Love

email: fenley@math.fsu.edu

Course web page: <http://www.math.fsu.edu/~fenley/teaching>

Classes: M 8:00-8:50AM - TTh 8:00-9:15am – Room 200 Love Bldg

Office hours: Mondays 9:00-10:00am, in 214 Love Bldg. Besides regular office hours, you can always email me for an 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.

TEXT: Calculus (Early Transcendentals) (Eighth 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: The purpose of this course is to introduce students to more advanced topics in the calculus and to some of their applications. The material in this course should be mastered before the student proceeds to courses for which it is a prerequisite.

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 in the Thursday lectures. The average of quizzes is 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.

TEST SCHEDULE: Test 1: Thursday, 9/20

Test 2: Thursday, 10/18

Test 3: Tuesday, 11/13

Final: Thursday, Dec.13, 12:30 - 2:30pm, Place: Our regular classroom.

FREE TUTORING FROM FSU: On-campus tutoring and writing assistance is available for many courses at Florida State University. For more information, visit the Academic Center for Excellence (ACE) Tutoring Services' comprehensive list of on-campus tutoring options - see <http://ace.fsu.edu/tutoring> or contact [tutor@fsu.edu](mailto:tutor@fsu.edu). High-quality tutoring is available by appointment and on a walk-in basis. These services are offered by tutors trained to encourage the highest level of individual academic success while upholding personal academic integrity.

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 accommodated 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/academic-resources/academic-integrity-and-grievances/academic-honor-policy>)

#### AMERICANS WITH DISABILITIES ACT:

Students with disabilities needing academic accommodation should:

- (1) register with and provide documentation to the Student Disability Resource Center; and
- (2) bring a letter to the instructor indicating the need for accommodation and what type.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

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](mailto:sdrc@admin.fsu.edu)

<http://www.disabilitycenter.fsu.edu/>

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.