

This is a sample syllabus for MAC2313. Students should reference the section syllabus provided at the beginning of the semester for specifics regarding assignments and grade assignments.

STUDENT SYLLABUS

MAC 2313-??

INSTRUCTOR: ??

OFFICE: ??

OFFICE HOURS: ??

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 2313 is a (stated or implied) prerequisite. Students with more than eight hours of prior credit in college calculus are required to reduce the credit for MAC 2313 accordingly. It is the student's responsibility to check and prove eligibility.

PREREQUISITES: You must have passed MAC 2312 (Calculus II) with a grade of C- or better or have satisfactorily completed at least eight hours of calculus courses equivalent to MAC 2311 and MAC 2312.

TEXT: Calculus (Early Transcendentals) (Seventh Edition), by James Stewart

COURSE CONTENT: Chapters 12–16 of the text.

COURSE DESCRIPTION: This course covers analytic geometry in three dimensions, multiple integration, and vector calculus. 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, projectile motion will be covered on the second test.

(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.

GRADING: There will be four unit tests, occasional short quizzes, and a final exam. Numerical course grades will be determined according to the formula $(5U+Q+3F)/9$ where U = unit test average, Q = quiz average, and F = final exam. 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. 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.

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.

EXAM POLICY: No makeup tests or quizzes will normally be given. If a test absence is excused, then the final exam score may, at the instructor's discretion, be substituted 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. Students must bring FSU ID cards to all tests.

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>.

TEST#1:

TEST#2:

TEST#3:

TEST#4:

FINAL:

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." (The Florida State University Academic Honor Policy can be found at <http://fda.fsu.edu/Academics/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. 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:

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 STATEMENT: 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 Florida's college mathematics and computation requirement, the student must earn a grade of 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.