STUDENT SYLLABUS   MAC 2313–02   Spring 2018

INSTRUCTOR: Sanghyun Lee   OFFICE: Love 002-D

CLASS WEB PAGE and ONLINE RESOURCES: `http://www.math.fsu.edu/~lee/teaching/calc3_s18.html`. Encouraged to bookmark this website and refer to it several times per week. In addition, we will use Canvas for grades, class notes, messages, and more. You can directly login from https://fsu.instructure.com/ or through https://www.my.fsu.edu/.

COURSE DESCRIPTION: This course covers functions of several variables and their graphical representations; vectors; partial derivatives and gradients; optimization; multiple integration; polar, spherical, and cylindrical coordinate systems; curves; vector fields; line integrals; flux integrals; divergence theorem and Stokes' theorem.

ELIGIBILITY AND PREREQUISITES: 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. 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.

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.

TEXT: Calculus (Early Transcendentals) (Seventh Edition), by James Stewart. More information about the text and WebAssign, including purchase options, is at the link `https://www.math.fsu.edu/$\sim$pkirby/calctext/`

COURSE CONTENT: Chapters 12–16 of the text.

POP QUIZZES: There will be pop quizzes during the classes.

GRADING: There will be four unit tests, occasional short quizzes, and a final exam. Numerical course grades will be determined according to the formula $(60U+15Q+25F)/100$ 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.

TEST#1: Thursday, February 1.
TEST#2: Thursday, February 22.
TEST#3: Thursday, March 22.
TEST#4: Thursday, April 12.
FINAL: 7:30AM - 9:30AM, Monday, April 30th.

CALCULATORS: Calculators are not allowed for quizzes and exams in this class.

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.

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 Universitys 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.)

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

TUTORING FOR MATH: On-campus tutoring and writing assistance is available for this course at Florida State University. 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. Please contact the ACE Learning Studio at tutor@fsu.edu or find more information at http://ace.fsu.edu/tutoring.

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.