Math 241, Vector Calculus, Course Syllabus

Spring 2017

Text : *Calculus: Early Transcendentals with Integrated Review 13/e* by: Hass, Heil and Thomas

Professor : Anton R. Schep
Office : LeConte 317F, Phone : 7-6190
Email : schep@math.sc.edu
Web pages : http://people.math.sc.edu/schep/math241-2017Spring.html and http://www.mymathlab.com for access to the on-line MyMathLab site.
Office hours : TR 10:30–12:00 (or by appointment)
Tests : 3 fifty minutes tests, each counting 20%, Cumulative Final Exam counting 30%, Homework counting 5% and Quizzes counting 5%
Tentative test dates: February 3, March 3, March 31
Grading scale: Letter grades will be given according to the following approximate scale: $\mathbf{A} : 90-100, \mathbf{B}^+ : 86-89, \mathbf{B} : 80-85, \mathbf{C}^+ : 76-79, \mathbf{C} : 70-75, \mathbf{D}^+ : 66-69, \mathbf{D} : 60-65, \mathbf{F} :< 60$.
Homework assignments :Online at https://www.mymathlab.com/
Date of Final Exam : Monday, May 1 - 12:30 p.m. -3:00 p.m.
Material to be covered : Chapters: 12.1- 12.6, 13.1-13.4, 14 , 15, 16.1- 16.4.
Calculators, Laptops, (smart) phones: These are not permitted on quizzes, tests, and final exams.
Cell Phone Policy: Please remember to turn off or silence your phone prior to class. No texting allowed during class.
Homework Online homework will be assigned for each lecture. Quizzes will be based on the homework.
Peer Tutoring: Tutoring is available for this course to assist you in better understanding the course material. The Peer Tutoring Program at the Student Success Center provides free peer-facilitated study sessions led by qualified and trained undergraduate tutors who have previously taken and excelled in this course. Sessions are open to all students who want to improve their understanding of the material, as well as their grades. Please visit www.sa.sc.edu/succes to find the complete tutoring schedule and make an appointment. You may also contact the Student Success Center at 803-777-1000 and tutoring@sc.edu with additional questions.
Learning Outcomes: Students will master concepts and solve problems on vector algebra, geometry of three-dimensional space; lines, planes, and curves in space; polar, cylindrical, and spherical coordinate systems; partial differentiation, max-min theory; multiple and iterated integration, line integrals, and

Green's theorem in the plane.

Make-up policy : No make-ups for missed quizzes (lowest 2 or 3 scores will be dropped), make-ups for missed hourly tests or final will only be given if they were missed for legitimate reasons. In this case any effort should be made to contact me as soon as possible and you might need to provide documentation to support your reasons for missing the tests.

Attendance policy : A grade penalty can be invoked, if more than 10% of classes are missed.