MATH 1210-009 Spring 2015
Applied Calculus II

Instructor: James Phillips
Email: jp5ay@virginia.edu
Office: Kerchof 401
Office Hours: M 11:00 - 12:00, WTh 2:00 - 3:00, and by appointment
Class meetings: MWF 1:00 - 1:50 PM, Monroe Hall 110

Textbook: Tan, *Applied Calculus for the Managerial, Life, and Social Sciences*, 9th ed.

Grading:
    Homework: 10%
    Weekly Assessments: 15%
    Preliminary Quiz: 5%
    Midterms (2): 20% each
    Final: 30%

Attendance or participation do not go toward a specific grade, but can be an influence in cases of "borderline" grades

General Policy: Students are expected to attend class and, in the event of an absence, are responsible for making up any missed material or work. Students are also encouraged to participate and to ask questions during class. Calculus can be difficult, but it is learned best through practice; I will be happy to work with students in class and in office hours to ensure the best understanding of the subject. Laptops and cell phones are not permitted during class.

Topics: We will cover a variety of topics in this class, including trigonometry; further topics in integration along with applications; multivariable calculus; introductory differential equations; probability; series and Taylor polynomials. This list is by no means exhaustive, but does accurately describe the majority of the semester.

Homework: Homework will be assigned weekly on Webassign. It will be assigned on Friday and due by the start of class on the following Friday. Since calculators are not permitted on quizzes and tests, I encourage you to use them sparingly on the homework, but computations will sometimes require them. Late homework will not be accepted. The lowest Webassign grade will, however, be dropped.

Weekly Assessments: We will have weekly assessments, usually on Friday and typically in the form of a short quiz or short written homework assignment. These serve the dual purpose of both preparation for the exams and practice in effecitvely writing and communicating your ideas in calculus. Like webassign problems sets, these may not be made up, but rather, I will drop your lowest 1-2 grades.

Exams: There qwill be two midterms and a final. The midterms will be held on Thuesday, February 24, and Tuesday, April 7; they will begin at 7:00 PM and will last 90 minutes. For students with midterm time conflicts, there will be a make-up exam given on the following morning at 7:20 AM, for which requests must be submitted at least a week before the test. Exams are closed-book, with no calculators permitted. The final will be held on Thursday, April 30, at 7:00 PM (please note that this is different than the prescribed time for classes meeting at 1:00 PM).

Special Accommodations: I am fully willing to work with any special needs of my students. Students who require accommodations should provide me with documentation from the Student Disability Access Center (SDAC) at least a week prior to an exam.

Resources: Requests for private tutors may be sent to math-help@virginia.edu. In addition to private tutors, the university provides free tutoring through the Math Tutoring Center; more information can be found on their website.

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