Math 3214, CRN 14684; Spring, 2015
Course Description and Grading Policy

Instructor: David L. Russell
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Web Site: http://www.math.vt.edu/people/russell
Office: 418 McBryde Hall
Class Meets: TR, 2:00 p.m. - 3:15 p.m., 1060 Torgerson Hall.

Class Period Usage, Instructor Availability  The instructor will normally lecture for 60 - 65 minutes and reserve some time at the end of each class period for individual questions and other non-lecture activities. He will be available in his McBryde 418 office Tuesday afternoons from 2:00 p.m. to 3:00 p.m.; other times by individual appointment.

Text; Notes  Vector Calculus, J. Marsden, A. Tromba; pub. Freeman, 6th Edition, ISBN-13: 978-1-4292-9411-9. (Major change from 5th edition.) The instructor’s classroom notes, which will be posted regularly on this web site, provide supplementary course materials and have equal standing with the text in defining course content.

Suggested Exercises; Notebook  Sets of suggested exercises from the text will be posted regularly on the instructor’s website. These will not be individually graded; answers to odd-numbered problems are given in the back of the text. Each student is to maintain a notebook, physical or electronic, containing worked exercises, downloaded notes and other course materials. The instructor may request to inspect these materials as part of his assessment of student progress, particularly if special considerations are requested.

Basis for Grading  The final grade will be based on the student’s total point score from approximately 600 points available. These points will be allocated according to the following:

- Exams 1, 2: 100 pts. each; 200 pts. total;
- Quizzes: (4 or 5) 150 pts. total;
- Computer Project: 50 pts.
- Final Exam: 200 pts.

Exams and quizzes in class are closed book; may include take-home components. Crib sheet, calculator, OK; no use of computer software during in class exams or quizzes.

Grading Schedule  The following percentages of total point scores will be sufficient for the grade indicated. A: 91% to 100%; B: 81% to 90%; C: 71% to 80%; D: 61% to 70%; 50% to 60% at the discretion of the instructor. No passing grade will be assigned for an overall point total less than 50% (i.e., 300 points). The instructor reserves the right to assign a higher grade than indicated by this schedule if he deems it warranted. A curving process will be applied to the final point distribution for eligible students. In the past this process has normally resulted in grades somewhat more generous than indicated by the above schedule. To be eligible for this curving process, all exams, projects and quizzes must have been taken, or made up, in a timely manner and graded papers picked up, in person, by the student.