Math 221 Spring 2014

Instructor: Paul Bendich **Office:** 210 Physics Building
Phone: 660-2811 **e-mail:** bendich@math.duke.edu
Place: Physics 259 **Time:** Tues/Thurs 8:30-9:45.

Textbooks: *Linear Algebra: A Geometric Approach*, by Ted Shifrin and Malcolm Adams, second edition.

Schedule: posted online at www.paulbendich.com/221spring2014.html

Office Hours: TBA

Requirements: Weekly homework will be collected and graded, there will be two in-class exams, and a final exam. Quizzes will be given if the homework performance starts to lag.

Homework: Homework will be collected on the dates indicated on the syllabus (generally once a week). **Late homework will not be accepted.** It is acceptable (and encouraged) to work together on the problems, but the handed-in work must be yours alone. Please put your name on every page of each assignment, and please staple together the pages of each assignment.

Exams: The first in-class exam will be February 20th and will cover approximately through 3.3. The second exam will be April 8th and will cover approximately through 5.3. Each exam will be 75 minutes and no books, notes, or computational aides are permitted.

Final Exam: The final exam will be on Tuesday, April 29th, at 9 am, in Physics 259.

Grading: Your course grade will be determined as follows: homework 10%, each exam 30%.

Written Work: All submitted work (homework, quizzes, and exams) should be written neatly and legibly; instead of erasing please use a single line crossout. Multiple page submissions must be stapled or they will be returned ungraded. If a question requires more than a single expression or equation, your response must be phrased in complete sentences. The logic of a proof must be completely clear for full credit.

Computers: The computational aspects of some of the homework can get quite tedious. I'll allow you to use one of several software packages for certain calculations during the homework. However, no computational aid of any kind may be used on an exam.