Math 340 Syllabus, Fall 2006

Note: For more complete and up-to-date information, please visit the course web site at `www.math.umd.edu/~hck/340.html`

This is the first semester of the two semester sequence 340-341. In the first semester we will study multivariable calculus using the text "Vector Calculus" by Colley, third edition and we will study linear algebra using the text "Matrices and LinearTransformations" by Cullen, second edition. In the second semester we will complete our study of multivariable calculus and linear algebra and then study differential equations. Enrollment is by invitation only. You should not take this course unless you intend to take both semesters, since the first semester covers only about 2/3 of the material presented in our regular courses Math 241 and Math 240 or 461.

The class meets in room 0201 of the math building on Monday and Friday from 11:00-11:50, and on Wednesday from 10:00-11:50. The instructor, Prof. King, will have office hours Monday 10-11, Wednesday 2-3, and Friday 12-1 in room 3111 of the mathematics building. He can be reached by email at hck@math.umd.edu or by phone at X55132.

There will be three hour exams, probably Oct. 6, Nov. 3, and Dec. 1. The final exam will be given on Saturday, Dec 16 8:00am-10:00am in room 0201. The final will cover all the course material, with a slightly greater emphasis on any material since the third exam. Homework will be assigned regularly, turned in, and graded. There will be some small computer projects. There will also be regular graded quizzes.

Your grade will be based on a point total, probably with a curve applied. There will be a total of 800 points: 200 for the final, 300 for the hour exams (100 points each), 200 for the quizzes, homework and computer projects (some of your lowest quiz and homework scores are dropped), and 100 points for the best of the preceding.

Makeups for exams will be given only in extreme circumstances in accordance with official University policy. Except for unforseeable events, requests for a makeup must be made before the exam is given. No makeup quizzes will be given, but your lowest quiz scores will be dropped.

Students should be familiar with the Code of Academic Integrity which, among other things, prohibits cheating on exams and quizzes and copying homework.

Students with disabilities requiring accommodations should inform the instructor at the beginning of the semester.

Students must inform the instructor in advance of any intended absences for religious observances.