SYLLABUS FOR MATH 242, FALL 2007

PROFESSOR TOM RAMSEY

(i) The text is *Calculus, Early Vectors* by Stewart. We’ll use Chapters 4, 8, 9 (sections 1 and 2), 10, and 15 (sections 1 through 4).

(ii) Grades are based upon four tests, equally weighted (20% each), and some daily evaluation. The exams are often cumulative, especially the fourth test. The fourth test is the final examination that is scheduled for Friday, Dec. 14, from 9:45 am to 11:45 am. The daily evaluation, worth 20%, is based on quizzes, lab work, etc.

(iii) A score of 90% will guarantee an A; 80% will guarantee a B; 70% will guarantee a C and 60% will guarantee a D. On occasion, extra-credit points may be earned by being the first to do some requested proof or special problem.

(iv) Test dates for the first three tests are tentatively set for the tenth, twenty-fourth, and thirty-eighth class meetings. For the first test, expect questions based on Section 6.6, Sections 4.1 through 4.6, and Section 4.8 (hyperbolic functions in Section 4.7 are not tested). The second test might cover material tested on the first test, as well as questions from Sections 8.1 through 8.9. The third test might include material from the first two tests, as well as questions from Section 10.1 through 10.8. The final test is comprehensive, and also includes material from the last two weeks of instruction: Sections 9.1, 9.2 and 15.1. If you miss any of the first three examinations, the final examination will count more for you (the final examination score substitutes for the missing examination score).

(v) Most exam problems will be similar to randomly chosen exercises in the book (about three-fourths, or more, will be chosen this way).

(vi) Office hours are 10:30 MWF, at my office PS 410 (same level as the fourth floor of Keller, connected to Keller by a walkway). Appointments at other times are welcome. To make an appointment, please email ramsey@math.hawaii.edu or telephone (956-4666).