Math 411 - Syllabus

Instructor: Asaf Hadari

email: hadari@hawaii.edu

Class hours: Classes will be held online MWF at 9:30 - 10:20 in Keller 313. Office hours will be held on Mondays and Wednesdays between 11:30 and 12:20 in PSB 308B.

Textbook: We will not be using a textbook for this class. However, I do recommend Linear Algebra Done Right by Sheldon Axler as an excellent reference book.

Course material summary: Vector spaces, linear transformations, theory of a single linear operator, inner product spaces, linear operators on inner product spaces, bilinear and quadratic forms, traces and determinants, multilinear algebra. For more detailed information, including the sections covered, see: http://math.hawaii.edu/home/syllabi/syllabus-411.pdf

Homework: Homework will be assigned weekly on Friday, and will be put under the assignments tab of the course's Laulima site. Homework is due by the following Friday at 11:55PM. No late homework will be accepted. To submit homework, scan your work using a scanning app (Do not simply take pictures of your homework with your phone.) and upload it using the assignments tab in Laulima.

Exams: There will be two midterms and a final for the class. The final will not be cumulative, it will be similar to a third midterm. The midterms will be held on February 24th and March 31st. They will be held during class hours. No makeup exams will be allowed for any reason.

Evaluation: Each test will be worth 30% of your grade. I will drop your lowest test grade and replace it with your second lowest grade. This means that if you miss one test, your grades for the other two will be used to calculate your final grade. Your homework will be worth 10%.