Announcements

Instructor: Prof. K. Baker, MS 5360, 825-1947, `baker@math.ucla.edu` . Office Hours Monday 1:30-2:30, Wednesday 1-2, Thursday 2:30-3:30, and by appointment. Exception: Week 2, Monday OH 10/1 changed to Tuesday 10/2, same time.

TA: Pan Peng, MS 3919, `ppeng@math.ucla.edu`, Office Hours _____

Text: Hoffman and Kunze, **Linear Algebra**. This is a classic text. It will be supplemented by the lectures.

Web site: The class home page is `www.math.ucla.edu/~baker/115ah/` . I'll post announcements, copies of handouts, answers to questions, etc. In addition, grades will be posted on MyUCLA.

Prerequisite: Math 33A and an interest in understanding undergraduate mathematics at an honors level.

Exams:

Weekly quizzes in discussion section, on topics announced in advance.
Midterm #1: **Friday, October 26**, in class
Midterm #2: **Monday, November 19**, in class
Final exam: **Tuesday, December 11, 8:00-11:00**

Grading: Quizzes 7%, homework 13%, each midterm 20%, final 40%.

Permission in advance is required to miss a midterm, in which case the other tests will count more. You must take the final exam to pass the course. If you have a schedule conflict with weekly quizzes, see me about it.

Homework: Due each Wednesday in discussion section. You may consult with the TA, with me, and with others, but of course the final version should be your own. Representative problems will be graded. Some problems will be "not to hand in", but you will still be responsible for them and you can ask questions about them in discussion section and office hours. Some exercises may develop concepts going beyond the lectures.

Late homework will not be graded for points but does count partially; write "late" on the paper and pass it in with the next assignment.

Mathematical reasoning is a major part of this course. You will get enough practice with proofs that you will be ready for other mathematics honors courses. The TA is also the Reader for homework, so take advantage of the opportunity to interact to develop a good style.

Labs: Some homework assignments may have a lab component. They do not require prior knowledge of a computer language. You may use the BH 2817 PIC/Math lab if you wish. To access your account, follow instructions given in the lab.

Lectures: In an honors course like this one, it is essential to know material from lectures as well as from reading and homework.

Syllabus: Chapters 2, 3, 5, 6, 7, 8, 9, to different extents, plus related material. You will need to review Chapter 1.

In the future: Feel free to ask for a job recommendation if you get at least a "B" and for recommendations for graduate schools if you get "A–" or "A".