

## Advanced Linear Algebra. General Information

- For the calendar, contact information for the instructor and the TA's, office hours, etc., see the class webpage at <http://www.math.ucdavis.edu/~anne/FQ2009/mat67.html>. Advanced Linear Algebra is a class designed as a transitional class between the more concrete lower division and the more abstract upper division courses. Besides learning the concepts of linear algebra and calculational tools, you will learn how to write proofs. The lectures will focus mainly on the concepts and the abstract theory of linear algebra, whereas the discussion sessions will focus on the calculational tools. You are expected to attend both, the lectures and discussion sessions, to be able to follow the class.

- **Announcements and hand-outs**

It is imperative that you **check the class website regularly**. Many important announcements will be posted there as well as the lecture notes for the class, homework assignments and sample solutions.

- **Homework**

Weekly homework assignments will be posted on the class webpage. Each assignment will have two parts: calculational exercises and proof-writing exercises. You are encouraged to discuss the homework problems with other students. However, the homeworks that you hand in should reflect your own understanding of the material. You are **not** allowed to copy solutions from other students or other sources. If you need help with the problems, come to office hours! The best way to learn mathematics is by doing math yourself. Homeworks are due at the beginning of class each Friday. **No late homework will be accepted!** A selection of the homework problems will be graded and returned to you in the discussion on Tuesdays.

- **Exams**

The midterm will cover approximately the first half of the material for the quarter. I will provide precise information when the date approaches. The final exam will be comprehensive, i.e., cover all material of the course.

- **Grade distribution**

Manuscript	#	weight	missed item policy
Homeworks	9	25%	no make-up
Midterm	1	30%	no make-up, Final = 75% if excused (e.g. due to illness)
Final Exam	1	45%	N/A