18.06 Linear Algebra, Fall 2004

Lecturer: Michel Goemans, 2–351, x3–2688, goemans@math.mit.edu, office hour: Wednesdays 3-4PM.

Lectures: MWF11 or MWF12 in 2-190.

Course Web Page: http://web.mit.edu/18.06/www/

Course Administrator: Andrew Brooke-Taylor, room 2–491, x3–4091, andrewbt@math.mit.edu

Mailing List: Please add your email address to the 18.06-students list as soon as possible. Then you will receive future announcements.

Login to Athena and type: `blanche 18.06-students -add yourusername`.

To unsubscribe later on if you drop 18.06, type `blanche 18.06-students -d yourusername`.

Text: Introduction to Linear Algebra (Third Edition) by Gilbert Strang. The official bookstore for 18.06 is Quantum Books (corner of Broadway and Ames), and the Coop.

Recitations: You must be enrolled in a specific section (instructor and time) because your homework and exams will go to that section. Changes are made in the Undergraduate Math Office (2–108). Your recitation instructor (*not your lecturer*!) is the person to ask about homework and grades.

Handouts: This and the syllabus handout are the only handouts being distributed in lecture. Handouts (including problem sets) will only be available on the website for download (and their availability will be announced in lecture).

Homework: There will be 10 problem sets, the first one being due on September 15th. Assignments will always be due on Wednesdays, BEFORE 4PM. Late homework will **not** be accepted. Please put them in the box for your section in 2–106, next to the Undergraduate Mathematics Office. Please staple them (you may use the UMO stapler). They are due every week except during exam weeks (see syllabus handout). They will be returned in recitation. The homeworks are essential in learning linear algebra. They are not a test and you are encouraged to talk to other students about difficult problems—after you have thought about them for some time. But you must write your own solutions and you must list your collaborators on the problem set.

Exams: There will be two one-hour exams at class times (see dates on the syllabus handout) and a final exam (during final week) for which the date is not known yet. The use of calculators or notes is not permitted during any of the exams.

Your grade: Problem sets 25%, two one-hour exams 40% (20% each), final exam 35%. We will drop your lowest score on a problem set and will use only your top 9 scores on problem sets. It is hard to predict the exact grade distribution this semester, but as an indication, there were roughly 30% A's in previous semesters and roughly 75% A's or B's.

MATLAB: Some homework problems will require you to use MATLAB, which is available on Athena and other systems. The course web page has more information on MATLAB, including a tutorial. MATLAB is an outstanding piece of software for linear algebra.

Videos: Videos of Professor Strang's lectures from 1999 are available on the web (see the course web page) or at the VCR in the Barker Engineering library.

Recitations

Rec. #	Time	Room	Instructor	Office	Phone	Email `@math`
1	M 2	2-131	A. Brooke-Taylor	2-491	3-4091	`andrewbt`
2	M 2	2-132	F. Liu	2-333	3-7826	`fuliu`
3	M 3	2-131	A. Brooke-Taylor	2-491	3-4091	`andrewbt`
4	T 10	2-131	K. Cheung	2-336	3-6584	`kcheung`
5	T 10	2-132	Y. Rubinstein	2-342	3-7578	`yanir`
6	T 11	2-131	K. Cheung	2-336	3-6584	`kcheung`
7	T 11	2-132	V. Angeltveit	2-251	3-7566	`vigleik`
8	T 12	2-132	V. Angeltveit	2-251	3-7566	`vigleik`
9	T 12	2-131	F. Rochon	2-491	3-4091	`rochon`
10	T 1	2-132	L. Williams	2-486	3-4098	`lauren`
11	T 1	2-131	K. Cheung	2-336	3-6584	`kcheung`
12	T 2	2-132	T. Gerhardt	2-229	3-1589	`tgerhard`