

18.06 Linear Algebra, Spring 2013

Lecturer: Gilbert Strang (office 2-240, email: gs@math.mit.edu)
Lecture hour: MWF at 11am in room 54-100
Course Administrator: Jennifer Park (office: 2-491, email: jmypark@math.mit.edu)

* * **Course Web Page:** <http://web.mit.edu/18.06/> (handouts, announcements, etc.).

Textbook: *Introduction to Linear Algebra (4th edition)* by Gilbert Strang.

Recitations: You must enroll in a specific section (they are listed on web.mit.edu/18.06/). Your homework and exams will go to that section. Changes are made through the Stellar Course Management Website:

<http://stellar.mit.edu/S/course/18/sp13/18.06/>.

A link to the course management website is also available on the 18.06 web page.

* * **Your recitation instructor** (*not your lecturer!*) is the person to ask *all questions about homework and grades*.

Homework: Assignments will be due on Thursdays **by 4PM**. Please put them in the box for your section in 2-255. Please staple them (you may use the UMO stapler). They are due every week and are returned in recitation. Late homework will not be accepted and no extensions are granted.

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 found them difficult. Talking about linear algebra is healthy. But you must write your own solutions.

Exams: There will be three one-hour exams at class times on:

- Monday March 4 (in class, details TBA.)
- Wednesday April 10 (in class, details TBA)
- Friday May 10 (in class, details TBA)

Students will not be excused if they are signed up for two classes at the same time. The 18.06 exam must be taken during the 18.06 class time. **Note that there will be no make-up exams in this course. If there is a legitimate and documented reason for missing an exam, your exam grades will be redistributed. In this case, please email galina at math.mit.edu, Professor Strang or your TA.** The use of calculators or notes is not permitted during the exams.

Grading: Problem sets 15%, three one-hour exams 45% (15% each), final exam 40%.

<http://web.mit.edu/matlab/www/>.

The above web page has more information on one popular system, MATLAB, including a tutorial. (No previous MATLAB or any numerical algebra experience is required in 18.06. The exercises will not be programming-intensive. Exams will not ask for any one language, but may cover concepts that are language independent.)

Videos: Videos of Professor Strang's lectures in an earlier year are available on the course web page and also at ocw.mit.edu.