

18.06 Linear Algebra, Spring 2010

Lecturer: Gilbert Strang (office 2-240, <http://math.mit.edu/~gs/>)
Lecture hour: MWF at 11am in room 54-100
Course coordinator: Kartik Venkatram (office: 2-489, email: kartikv@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/sp10/18.06/>.

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 2-106, next to the Undergraduate Mathematics Office. 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 1 (Walker), Wednesday April 7 (Walker), and Friday May 7 (Room 54-100 or 2-190). There is a final exam which the registrar will schedule within December 14–18. 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%.

MATLAB: Some homework problems will require you to use MATLAB, an important tool for numerical linear algebra, which is available at MIT on Athena and other systems.

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

This web page has more information on MATLAB, including a tutorial. (No previous MATLAB experience is required in 18.06.)

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