

## 18.06 Linear Algebra, Fall 2007

<b>Lecture:</b>	Steven G. Johnson	<b>Course Coordinator:</b>	Zuoqin Wang
<b>Lecture Hour:</b>	MWF at 3 pm in 54-100	<b>Office Hours:</b>	T3
<b>Office:</b>	2-388	<b>Office:</b>	2-229
<b>Email:</b>	stevenj at math.mit.edu	<b>Email:</b>	wangzq at math.mit.edu
<b>Phone:</b>	3-4073	<b>Phone:</b>	3-1589

**Course Web Page:** <http://web.mit.edu/18.06/www/> Watch there for all messages.

**Text: Introduction to Linear Algebra (Third Edition) by Gilbert Strang.**

Available at Quantum Books (Corner of Broadway and Ames), and the Coop.

**Recitations and Grades:** Visit <https://gluonsandquarks.mit.edu> (uses MIT certificates) to choose your recitation and view recorded grades.

You must enroll in a specific section. Your homework and exams will go to that section:

Rec.	Time	Room	Instructor	Office	Hours	Phone	Email
1	T 10	2-131	B. Mares	2-490	M 2	3-4094	mares@math.mit.edu
2	T 10	2-132	A. Barakat	2-275	T 1	3-4399	barakat@math.mit.edu
3	T 11	2-132	A. Barakat	2-275	T 1	3-4399	barakat@math.mit.edu
4	T 11	2-131	B. Lehmann	2-089	W 1	2-1195	lehmann@math.mit.edu
5	T 12	2-132	A. Spiridonov	2-588	M 6	3-4110	lesha@math.mit.edu
6	T 12	2-131	B. Lehmann	2-089	W 1	2-1195	lehmann@math.mit.edu
7	T 1	2-131	A. Spiridonov	2-588	M 6	3-4110	lesha@math.mit.edu
8	T 2	2-131	Y. Lekili	2-491	T 4-6	3-4091	lekili@math.mit.edu
9	T 2	4-159	Z. Wang	2-229	T 3	3-1589	wangzq@math.mit.edu
10	T 3	2-131	Y. Lekili	2-491	T 4-6	3-4091	lekili@math.mit.edu

Section changes are now online, at [https://gluonsandquarks.mit.edu/grade\\_management.htm](https://gluonsandquarks.mit.edu/grade_management.htm)  
No section changes will be done in the Undergraduate Mathematics Office.

**\*\* Questions about homework or grades? Ask your recitation instructor! (not your lecturer!)**

**Homework:** Assignments will be due on Wednesdays, **BEFORE 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 except exam weeks and are returned in recitation. Late homework is not accepted.

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 (**in 54-100 (for A-M) and 2-190 (for N-Z), depends on the first letter of your last name**) at class times on Wednesday October 3, Wednesday October 31, and Monday December 3. There is a final exam which the registrar will schedule within December 17-21. The use of calculators or notes is not permitted during exams.

**Your Grade:** Problem sets 15%, three one-hour exams 45%, final exam 40%.

**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 the outstanding software for linear algebra. 18.06 will use it for the best homework problems. The students version of MATLAB (Prentice-Hall) is now upgraded with great graphics. The full newest version of MATLAB is on Athena.

**Videos:** Videos of Professor Gilbert Strang's 18.06 lectures in an earlier year are available on the course web page and also [ocw.mit.edu](http://ocw.mit.edu). VHS videotapes are in the Barker Engineering library.