

MATH 52: LINEAR ALGEBRA, SECTION 03
COURSE SYLLABUS
FALL 2012

CONTACT

Instructor: Li-Mei Lim

Office: KH 012

Email: llim@math.brown.edu

Website: math.brown.edu/~llim and math.brown.edu/~bjc/courses/math520

Office Hours: Tuesdays 1:15-2:15pm in KH 012, Wednesdays 7-8pm in KH 105 (enter as you would for MRC), or by appointment

COURSE DETAILS

The course will meet TTh 2:30pm in BH 159. Generally, homework will be due on Thursdays. Our textbook is Introduction to Linear Algebra, Fourth Edition, by Gilbert Strang.

TOPICS TO BE COVERED

We will cover chapters 1-7, parts of chapter 8 and parts of chapter 10. For more detailed topics descriptions, see the course syllabus linked on the main course website.

REQUIREMENTS

- **Homework:** Homework will be given weekly and will generally be due on Thursdays. If you work with classmates, please list the names of your collaborators on your assignment. *No late assignments will be accepted.*
- **Exams:** There will be three exams: two in-class midterms and a final. Midterms are scheduled for **October 16** and **November 13**, and will be given in the evenings 7-8:30pm together with the other sections of Math 52. The final exam is on **December 21** at 9am.
- **Attendance:** While attendance is not technically required, you are strongly encouraged to attend all classes. You are responsible for getting notes from a classmate if you miss class.

GRADING

Final grades will be determined using the following breakdown:

- Homework: 20%
- Midterm 1: 20%
- Midterm 2: 20%
- Final Exam: 40%

GETTING HELP

To get the most out of this class, it is important that you ask questions when you have them and get all the help you need. Here is a list of suggestions and resources.

- **Ask questions during class.** You are strongly encouraged to ask questions during class. Don't be afraid to look stupid; chances are someone else has the same question.
- **Come to office hours.** Office hours are great for getting more one-on-one help. Come ask questions about homework, past quizzes and exams, or topics from class.
- **Use MIT OpenCourseWare.** The author of our textbook is an MIT professor who regularly teaches linear algebra and has put extensive course materials online. There are video lectures, extra practice problems, exams with solutions, recitation videos and more. Check out ocw.mit.edu/courses/mathematics/18-06sc-linear-algebra-fall-2011/index.htm and ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/
- **Go to MRC.** The Math Resource Center (MRC) is held in Kassab 105 Monday through Thursday 8-10pm. It is staffed by grad students and advanced undergrads who can help you with your homework or clarify points from class. Be aware that some nights can be very busy, so start your homework early. See math.brown.edu/mrc for more information.

ACADEMIC HONESTY

Collaboration on problem sets is encouraged, but solutions must be written up individually you must list the people you worked with. Books, notes, calculators, and other aids will not be allowed on any quizzes or exams. You are expected to follow Brown's Academic and Student Conduct Codes. Any violation of Brown's codes or class policies will result in automatic failure in this class and may result in further action.