

Ground Rules for Math 212
Linear Algebra
Fall 2011

Course Meeting Times: Monday/Wednesday/Friday 11:30 - 12:20 Mundelein 308

Instructor: Anthony Giaquinto, Professor, Department of Mathematics and Statistics

- Office: 304 Loyola Hall
- Phone: 508-8520 (or 508-3558 to leave a message)
- Email: tonyg@math.luc.edu
- Web Page & Course Calendar: <http://tonyg.math.luc.edu>
- Office Hours: Monday/Wednesday: 2:00 - 3:00, Tuesday/Thursday: 1:00 - 2:00 or by appointment

Prerequisite: One year of calculus (Math 161 & 162)

Text: Gilbert Strang, *Linear Algebra and Its Applications, 4th Edition*, Brooks Cole (2006), ISBN 9780030105678

Material to be Covered: We will cover most of Chapters I – V of the text.

Course Components:

- **Homework:** There will be homework assignments just about every week. Each homework set will include both computational and theoretical questions. Selected problems will be collected and graded. Even though you may work in groups, everyone must submit his or her own paper. If you collaborate on the homework you must follow the following rules: (i) you must give the names of everyone you worked with and (ii) you must understand the material – whether you do or not will be evident from what you write. Be neat! If a paper is too painful to read then I won't read it. **Use of the internet for homework assistance is not allowed for any reason. Use of the internet for homework assistance will be considered a major breach of academic integrity and may result in a course grade of F.** Under no circumstances will late homeworks be accepted. Homework problems will be posted on the course calendar on the instructor's web page <http://tonyg.math.luc.edu>.
- **Exams:** There will be in-class exams given on Friday, September 23, Friday, October 14, and Friday, November 18.
- **Mathematica Labs:** There will be several labs using the software package *Mathematica*. The program is available for all students for free. To download and install the program, follow the instructions found at <https://myits.luc.edu/mathematica>.
- **Final Exam:** The comprehensive final exam will be Monday, December 12 from 1:00 - 3:00pm.

Grading: Your grade will be determined using the following breakdown:

Homework & Mathematica Labs	25%
Exams	45%
Final Exam	30%
Total	100%

Attendance/Missed Classes: Attendance will not be taken, but since much of the learning will occur during class time, attendance is essential for success in this course. On a strictly limited and pre-approved basis, a student may be allowed to miss a class in order to participate in a University-sponsored event. This situation normally includes only such events as official athletic games, Loyola-sponsored events, or serious illness documented with a doctor's note. It is the student's obligation to inform the instructor of such an authorized absence in a timely fashion. If the absence falls on a quiz or exam day and is authorized, then, at the instructor's discretion, either a make-up quiz or exam will be scheduled or the other regularly scheduled quizzes or exams will count more heavily for the final average.

Getting Help: There are various ways for getting help in this class. If you don't understand something in class, please ask. Chances are somebody else in class is also confused about the same point. When you don't understand something outside of class, please come to office hours, we are here to help! *A very good way to get a question answered is email; feel free to email Dr. Giaquinto anytime with any question about the reading, homework assignment, or any aspect of the course. A response will be sent as quickly as possible.*

Academic Integrity: Students are responsible to inform themselves of University policies regarding the Code of Academic Integrity. Students found to be in violation of the Code are subject to penalties ranging from a loss of credit for work involved to a grade of F in the course, and possibly risk of suspension or probation. The Code of Academic Integrity will be enforced in all areas of the course. For more information about the Code of Academic Integrity policies and procedures, including information about your rights and responsibilities as a student, see

<http://www.luc.edu/academics/catalog/undergrad/reg.academicintegrity.shtml>.

Expectations: I expect that everyone will maintain a classroom conducive to learning. I like an informal atmosphere, but it must be orderly. Thus, everyone is expected to behave with basic politeness, civility, and respect for others. In particular, talking in class is permissible only if it's part of a class discussion or with me. Private communications are never appropriate, nor are reading extraneous materials, using electronic equipment (laptops, mobile phones, etc.), or sleeping. Please have cell phones turned to the silent mode before class begins. Water, soft drinks, coffee and other appropriate beverages are allowable. Light snacks are acceptable as long as their consumption does not interfere with the class proceedings. Please do not consume multi-course meals during class.

Suggestions: Suggestions for improvement or concerns about any aspect of the class are welcome at any time. Feel free to bring any suggestion or concern about the course to my attention at any time.