MAT 211: Introduction to Linear Algebra (Lecture 02)

Spring 2017

Important: This webpage is intended solely to students of MAT 211 Lecture 02. All other students of MAT 211 should contact their own instructor for further information regarding the course.

[Download Syllabus](#)

Instructor's Contact Details:

Instructor: Dr. Luigi Lombardi
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Office: Math Tower 3-120
Office hours: Tuesday and Thursday 1:30-2:30pm in Math Tower 3-120
   Wednesday 1:30pm-2:30pm in MLC
   By appointment

Grader:

Silvia Ghinassi, Office: Math Tower 3-101, Office hour: Wednesday 12pm-1pm.

Lecture (location and time):

Location: Earth&Space 069
Time: Tuesday and Thursday 4:00pm-5:20pm

Textbook:

Otto Bretscher "Linear Algebra with Applications", 5th or 4th edition, Pearson Prentice Hall (Optional) Student solutions manual for Linear Algebra with Applications, Otto Bretscher, 5th edition

Course Description:

Introduction to the theory of linear algebra with some interesting applications; vectors, vector spaces, bases and dimension, applications to geometry, linear transformations and rank, eigenvalues and eigenvectors, determinants and inner products. It may not be taken for credit in addition to AMS 210.

Homework:

Homework comes in two flavors. Both will be posted in BB (Black Board – see below for information on this) each week, usually on a Sunday and will be due on Tuesday the following

week (after the weekend). Practice Problems: These are not to be handed but are essential to master the course and similar problems may appear on the Midterm Exams and Final. These are designated with (P). If you have the Student Solutions Manual, you can find complete solutions to these problems. NOTE: The Manual may solve problems in a different way than we do in class. Either solution is acceptable. Problems to hand in: These should be done after you've mastered the practice problems. These will be designated as (H). These will be graded. Late assignments cannot be accepted. Homework that appears to be copied from someone else will receive a grade of 0 and may result in charges of academic dishonesty.

Midterms and Final Exam:
Midterm 1: March 2nd, in class, 4pm - 5:20pm -- See Black Board for a copy of the Practice Midterm 1. The first midterm covers Chapters 1 and 2 of the textbook.
Midterm 2: TBA
Final Exam: Wednesday May 10th, 8am - 10:45am

Course Grading:
25% Midterm 1
25% Midterm 2
35% Final Exam
15% Homework

Academic Integrity:
Each student must pursue his or her goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Instructors are required to report any suspected instances of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, see the academic judiciary web site at http://www.stonybrook.edu/cinncms/academic-integrity/index.html