Course 2 (Fall 2016) Linear Algebra MAS 4105 Section 6137

Time and Location
M T W F5, MAT 0051 11:45am-12:35pm.

Office Hour: MWF 12:45-2:00pm. Office Little Hall 466, phone: 2942344 email; leizhang at ufl dot edu

Course objectives and Goals
Topics to be cover: Linear equations, matrices, vector spaces, linear transformations, determinants, eigenvalues, inner-product spaces. This course includes both theory and computational skills. The student is expected to develop the ability to reason
through, and coherently write up, proofs of theorems. For math majors, this course
serves as a transition from a study of techniques into more conceptual math; for engineering and science majors, it serves also as a coherent foundation in linear algebra.

Weekly schedule:
week 1-2 chapter 1, week 3-4 chapter 2, week 5-6 chapter 3, week 7-8 chapter 4 week 9-10 chapter 5, week 11-   chapter 6.

Textbook:
Linear Algebra edition 4/E (fourth edition), by Friedberg, Insel, Spence. [Prentice
Hal ISBN: 0-13-008451-4l]

Prerequisite:
Grade of C or better in MAC 2313 or MAC 3474 and in MAS 3300 or
MHF 3202.

Homework
Homework will be assigned after each lecture. Quizzes will be given based on homework problems.

Final Grades
There will be four mid-term exams and many pop quizzes, all close to assigned homework problems. The tentative dates for

the four exams are:

Exam one: September 12 (20%)

Exam two: October 10 (20%)

Exam three: November 7 (20%)

Exam four: December 7 (20%)

Quizzes: 20%

Grading Scale
A: 88 ; B+: 83; B: 75; C+: 70; C: 65; D: 55;

Attendance and Late Policy
ABSOLUTELY NO MAKEUPS WITHOUT MEDICAL DOCUMENTATION. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at :

https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

Students that need accommodation
Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Information on current UF grading policies for assigning grade points:

https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Information on course evaluation
Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.