SYLLABUS

MATH 4377 / MATH 6308
ADVANCED LINEAR ALGEBRA I
FALL 2016

Instructor: Alexander Mamonov
Office: PGH 690
Office hours: MWF 11:00AM – 12:00PM at GAR 201
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Classroom: F 154
Class hours: MWF 10:00AM – 11:00AM

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The information contained in this class syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.

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Prerequisite: MATH 2331, or equivalent, and six additional hours of 3000-4000 level Mathematics.

Textbook: S.H. Friedberg, A.J Insel, L.E. Spence, *Linear Algebra*, 4th Edition, Prentice Hall.

Objectives: Upon completion of this course, the students are expected to gain the understaning of the fundamental concepts of linear algebra including linear systems of equations, matrices, determinants, vector spaces and linear transformations, eigenvalues and eigenvectors.

Topics: For the course content see the Math Department's MATH 4377-4378 web page at:
http://www.mathematics.uh.edu/undergraduate/courses/math4377-4378/index.php

Grading: Two in-class midterm exams will be given. There are no make-ups for the exams.
The course grade is determined by the homeworks, midterm exams and the final exam as follows:

Homework	1/5
Midterm 1	1/5
Midterm 2	1/5
Final Exam	2/5