INSTRUCTOR: Anatolii Grinshpan
Korman 253
tolya@math.drexel.edu
(215) 571-3586

OFFICE HOURS\textsuperscript{1}: Mondays 10-12, Korman 247, or by appointment, Korman 253.

COURSE PAGE: www.math.drexel.edu/~tolya/261F12.html

CONTENT: systems of linear equations, matrices and linear transformations, subspaces associated to a matrix, eigenvectors and eigenvalues, orthogonality and least squares.

PREREQUISITES: knowledge of Calculus

OBJECTIVE: mastery of Linear Algebra basics


LABS: Examples and problem-solving. Weekly homework will be posted online (not for collection) and selectively discussed in class. There will be a quiz on a typical week. Some use of MATLAB is to be expected.

Lab schedule: M 12-2, W 10-12 (Grinshpan) and W 12-2, 2-4 (Jonah Smith), Curtis 341.

EXAMS: Two midterms (weeks 4 and 8) and a comprehensive final exam. Exact dates are to be announced. To a large extent, exams will be based on homework. If you have to miss an exam, please notify me promptly. No makeup exams will be given, except in special circumstances (documented in writing).

GRADE COMPONENTS: midterms 25\% (each), quizzes 20\%, final exam 30\%.

Linear Algebra, Strang (MIT OCW, includes video lectures) http://ocw.mit.edu/courses/mathematics/18-06-linear-algebra-spring-2010/
Tutoring center
drexel.edu/math/resources/undergraduate/mrc

ACADEMIC POLICIES: www.drexel.edu/oed/disabilityResources/students
www.drexel.edu/provost/policies/

Any changes to this syllabus will be announced in class and online.

\textsuperscript{1}subject to change