Course Instructor: Professor Yanni Zeng  
Office: CH 496A  
Phone#: (205) 934-2154  
Office Hours: Tuesday, Thursday 11:00AM–12:00PM (or by appointment)

Meeting times: TTh, 09:30 - 10:45AM  
Meeting location: HHB 221  
Prerequisite: Grade of C or better in MA 126. Any student who has not fulfilled the prerequisite will be dropped from the class.  
Credits: 3 semester hours  
Topics: Linear equations and matrices; real vector spaces, basis, diagonalization, linear transformations; determinants, eigenvalues, and eigenvectors; inner product spaces, matrix diagonalization; applications and selected additional topics.

Important dates:  
First day of classes: January 9, 2013  
Last day to drop without paying full tuition: January 16, 2013  
Spring Break: March 17 - March 23  
Last day to withdraw with a “W”: March 28, 2013  
Last day of class: May 1, 2013.  
Major exams (tests):  
Test I: near Thursday, February 21  
Test II: near Thursday, April 25  
(These dates are approximate and may be slightly shifted due to unforeseen circumstances.)  
Final exam: Thursday, May 9, 2013, 8:00 AM - 10:30 AM

Course policies:  
- Please make sure that you are able to receive e-mail through your Blazer-ID account. Official course announcements will be sent to that address.  
- If you wish to request a disability accommodation please contact DSS at 934-4205 or at dss@uab.edu.  
- Turning in the homework is required. You must turn in a good faith effort on 80% of the homework assignments; otherwise, an “I” or “F” is given. Homework is due each Tuesday. Only half credit is awarded for late homework. Homework decides all borderline grades.  
- The two lowest quiz grades will be dropped to account for any missed classes due to illness or any other circumstance. If a test is missed due to a serious verifiable circumstance or

Date: January 9, 2013.
official university business, the test grade will be replaced with the properly rescaled final exam score. You must contact the instructor of such circumstances before the exam takes place.

• No books, notes, or calculators will be allowed during any of the tests or quizzes.

• Your course performance is your course average (including the final exam score). This is a number between 0 and 100.

  Homework and Quizzes                           20 %
  Best of Tests 1,2                              30 %
  Worst of Tests 1,2                             20 %
  Final exam                                      30 %

• Your final grade is determined according to the following table:
  Course performance:  88-100  75-87  62-74  50-61 below 50
  Final Grade:          A       B       C       D       F

• In addition your grade maybe raised by a strong performance on the final exam (normally at most one letter grade).