Math 206 – Linear Algebra I  
Spring 2016  
Course Syllabus

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Office Hours: M 2-3, T 10-11, Th 10-11, F 2-3 and by appointment  
Course Web Page: www.calpoly.edu/~akaul/teaching/Math206

Textbook  
The required textbook is Anton, Elementary Linear Algebra, 11th ed.

Office Hours  
I encourage you to make use of my office hours. The times that I am guaranteed to be in my office are listed above. If these times are not convenient you may schedule an alternate meeting time.

Course Description  
In this course we will study the properties and applications of matrices, vector spaces, linear transformations and their connection to matrices, determinants, and eigenvalues/eigenvectors. The focus will be on the geometric aspects of linear algebra. A detailed course outline containing the learning objectives for this class is available at http://www.math.calpoly.edu/courseoutlines/206.pdf

Exams/Quizzes

• Midterm exams will be given on the following dates.
  
  MT1: Friday, April 22  
  MT2: Friday, May 20

• The final exam is comprehensive. We will adhere to the Cal Poly final exam schedule. The final exam will take place on Wednesday, June 8, 10 am - 1 pm (Section 01) or Friday, June 10, 1-4 pm (Section 02).

• The midterm and final exams are each worth 100 points. An exam score $E$ will be assigned according to the formula

  $$E = MT1 + MT2 + F + F - D,$$

  where $D$ is the lowest of your midterm scores ($MT1$ and $MT2$) or final score $F$ (i.e., the final exam score is initially counted twice and the lowest of the 3 exam scores is is dropped).

• Quizzes will be given regularly (see accompanying schedule); each quiz is worth 20 points. Your total quiz score $Q$ is computed as

  $$Q = \frac{X - L}{2}$$

1 This policy is not negotiable.
where $X$ is the sum of your six quiz scores and $L$ is the lowest of your quiz scores (i.e., the lowest quiz score is dropped).

- **No make-up exams or quizzes will be given.** If you miss a midterm exam or quiz for any reason, it will automatically become the “dropped” score.

**Homework**
Homework will be assigned at the beginning of class (excluding quiz, review and exam days) and is due the following class meeting unless otherwise noted. Late homework will not be accepted. A tentative schedule of each day’s lecture is attached. You will receive credit (1 point) if you make a verifiable attempt to solve each problem. Exception: unstapled, multiple-page assignments will receive no credit. A homework score $H$ will be assigned according to the formula

$$H = \frac{2n - 24}{8}$$

where $n$ is the number of homework assignments you receive credit for during the quarter.

**Grading**
Your numerical score for the course is computed as

$$S = \frac{E + Q}{3.5} + H$$

and a letter will be assigned under the usual 90-80-70-60 ± scheme. I reserve the right to lower this standard at a later date (i.e., there may be a curve, but the curve will not hurt your grade).

**Students with Disabilities**
The University provides disability-related support services to qualified students through the Disabilities Resource Center (DRC). For more information, contact the DRC at 6-1395 or visit their website at drc.calpoly.edu. If you require testing accommodations, it is your responsibility to provide the required documentation and initiate needed arrangements **at least one week in advance** of an exam date.