**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
**DEPARTMENT OF MATHEMATICS**

**Course Number:** 3323-101 (CRN 27017)  
**Course Title:** Matrix Algebra  
**Credit Hours:** 3  
**Term:** Spring 2015  
**Course Meeting Time:** TTH 12:00-1:20 pm in BUSN 304  
**Prerequisite Courses:** Math 1312  
**Instructor:** Dr. Kanadpriya Basu  
**Office Location:** Bell Hall 220  
**Contact Info:** Phone: 747-8834  
E-mail: kbasu@utep.edu  
**Office Hours:** T-Th 2:30-4:00 pm or by prior appointment  
**Textbook, Materials:** *Introduction to Linear Algebra* by Johnson, Riess, and Arnold, Addison Wesley, Fifth Edition.

**Course Objectives:** The student will solve and learn about systems of linear equations, matrices, determinants, eigenvalues and eigenvectors, diagonalization, vector spaces, and linear transformations.

**Assignments:** There will be three midterms. Homework will be assigned regularly and be collected; quizzes will also be given during the class which will be based on the homework assignments. You may be asked to present some of your work on the board. There will be a comprehensive final exam. The dates of the midterms and deadlines for the assignments will be announced in class.

**Assessment:** Your overall grade will consist of the weighted average of your scores on the exams, homework quizzes, and the final exam.

**Grading Policy:** The usual grading scale will be used for this course (90%-100% is an A, 80%-89% is a B, etc.)

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (%)</th>
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<tbody>
<tr>
<td>Three midterms</td>
<td>45% (15% each)</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Quiz</td>
<td>15%</td>
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<tr>
<td>Comprehensive final exam*</td>
<td>20%</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100%</strong></td>
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*The final exam will be given on **Tuesday, May 12th 1:00-3:45.**

**Make-up Policy:** Make-up quizzes will only be given for students attending university sponsored events (such as student athletes traveling to meets), and only with prior notification and appropriate documentation. A make-up exam will only be given in extraordinary circumstances (severe illness, death in immediate family), and with appropriate documentation (e.g. doctor’s note).
Attendance Policy: As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If possible, it is better to let me know ahead of time when you will be absent. If you are absent, it is your responsibility to find out which assignments you need to make up.

Academic Integrity: We will follow the university’s policy in this course, as explained in the Handbook of Operating Procedures. You may find it here. You may be directed to change seats at any time during exams.

Civility: Please do not use cell phones, pagers, iPods, MP3 players, blue tooth devices, etc. during class. Cell phones and pagers should be set to silent or vibrate, and if you absolutely must answer your phone, calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please do not send text messages during class.

Disability Statement: If you have or suspect a disability and need accommodations you should contact Disabled Student Services Office (DSSO) at 747-5148 or at dss@utep.edu or go to Room 106 Union East Building.

Military Statement: If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact me as soon as possible.

Course Schedule: We will cover chapters 1 (excluding 1.4 and 1.8), 3, and 4 (excluding 4.6 and 4.8).

Drop Deadlines: For details see: http://academics.utep.edu/Default.aspx?tabid=74280

Tutoring: The Tutoring and Learning Center (TLC) offers free tutoring and is located on the third floor of the campus library. There are also numerous private tutors available. Please also make use of the instructor's office hours.

N.B: The syllabus is tentative and subject to change at any point of time.