Math 360 - Linear Algebra

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Text: Linear Algebra with Applications (5th ed.) by Steven Leon

Grading Policy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Problem Sets</td>
<td>20%</td>
</tr>
<tr>
<td>Tests/Mid-Term</td>
<td>50%</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
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</tbody>
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A: 90-100%  B: 80-89%  C: 70-79%  D: 60-69%  F: less than 60%

Tests/Final Exam: We will have 2 tests, a mid-term and a final exam. The tentative dates are included in this syllabus. These most likely will not change, but if they do I will let you know in class. You are responsible for knowing when each exam will be held. The mid-term and the final will both be take home exams and comprehensive in that they will cover all of the material covered by the exam date.

Problem Sets: Homework is a very necessary part of this course. You cannot learn something if you do not practice it. This is especially true of mathematics. Therefore, I will pick up sets of homework problems several times throughout the semester. I will announce in advance when each set is due, and which problems are due.

Attendance: I will not include attendance as part of your course grade. I do, however, expect you to attend everyday. You are responsible for any and all material covered in class. If you miss any class, it is up to you to meet with me (if necessary) and catch up on the material you missed.

Overview: We will cover parts of Chapters 1, 2, 3, 4, 5, 6 and 7 in our text. On the final exam, you will be responsible for all of the material we covered throughout the semester. I will be more than happy to help you succeed in this course, but it will take effort on your part. I believe that if you (1) come to class, (2) do your homework and (3) ask questions when confused, you will do very well in this class. It is a very good course, and after you finish it you will be well prepared for whatever math course you might take next.

Important Dates:
Final Date to Add Courses or Drop Without a "W" - Thursday, August 19
Final Date to Drop Courses With a "W" - Monday, October 25

Below is a listing of the sections we will be covering this semester. The sections in parentheses will be covered only as time allows. Also listed are the tentative dates of our 2 exams and the due dates of the take home mid-term and take home final.

Chapter 1: Sections 1-4 (5)
Chapter 2: Sections 1-3
**Test #1, Thursday, September 9**
Chapter 3: Sections 1-5
**Take Home Mid-Term Exam**
**Due, Thursday, October 7**

Chapter 4: Sections 1-3
Chapter 5: Sections 1-3 (4-5)
**Test #2, Thursday, November 4**
Chapter 6: Sections 1-3
(Chapter 7: Section 1)
**Take Home Final Exam**
**Due, Monday, December 6, 9:00 am**