Section 1: Description
In this course, we will study systems of linear equations, the algebra of matrices, determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and orthogonality.

Section 2: Class Information
Meetings: Monday-Thursday, 8:00-10:20 AM, from 18 June 2007 through 26 July 2007
Location: PH-314

Section 3: Instructor Contact Information
Instructor: Evan Leach
Email: leache@smccd.edu (Include “MATH 270” in the subject line of your email messages.)
Website: www.smccd.net/accounts/leache
Office Location: PH-414
Office Phone: (650) 738-4186
Office Hours: Monday-Thursday 11-12

Section 4: Required Materials
Calculator: Texas Instruments TI-83 Plus or equivalent

Section 5: Important Dates
Last Day to Add/Drop (with partial refund): 20 June 2007
Last Day to Drop (without refund): 27 June 2007
Exam One: 28 June 2007
Holiday: 4 July 2007 (Note that we still have class on 5 July 2007!)
Exam Two: 12 July 2007
Last Day to Withdraw: 18 July 2007
Final Exam: 26 July 2007
Section 6: Attendance
Attendance will be taken each day using a sign-in sheet. Any student who misses two of the first three class meetings (18, 19 and 20 July 2007) without notifying the instructor will be removed from the class. Any student who misses four or more class meetings before the Last Day to Withdraw may be removed from the class by the instructor.

* If you wish to drop or withdraw from this course, do so via WEBSMART. Failure to do so may result in a grade of F for this course.

Section 7: Homework
Homework will be assigned at each class meeting and collected at the end of the following class meeting. Homework assignments will consist of a selection of problems from the book or from a handout. Homework assignments must be completed on letter-sized loose-leaf paper. Homework assignments may not be submitted on paper torn from a spiral-bound notebook. Scores for homework assignments will be based on accuracy, clarity and promptness.

Include your first and last name as well as the assignment number on each page of your homework assignments. If the problems for the assignment are from the textbook, list those problems on the top of each page as well.

Section 8: Quizzes
Quizzes will be given periodically during the first fifteen to twenty minutes of class. Make-up quizzes will not be given. Any student who misses a Quiz will receive a score equal to 80% of their score on the Midterm Exam or the Final Exam.

Section 9: Exams
Two Exams will be given. Exam One will take place on Thursday, 28 June 2007. Exam Two will take place on Thursday, 12 July 2007. Make-up Exams will not be given. Any student who misses an Exam will receive a score equal to 80% of their score on the Final Exam.
Section 10: Final Exam
The Final Exam will take place on Thursday, 26 July 2007. Any student who misses the Final Exam will receive a grade of F for the course.

Section 11: Grading Policy
Your grade will be based on your performance on attendance (5%), homework and quizzes (15%), Exam One (25%), Exam Two (25%) and the Final Exam (30%). Letter grades will be based on the standard scale below.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100%</td>
<td>A</td>
</tr>
<tr>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>70-79%</td>
<td>C</td>
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<tr>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>0-59%</td>
<td>F</td>
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