Instructor: Dr. McSorley. Neckers 383.
Office Hours: M 2-5pm; Th 9-11.30 am. Or call 453-6596 or email jmcsorley@math.siu.edu for an appointment.
Class meeting: MWF 10-10.50pm EGRA 420.
Prerequisites: This is a difficult class. A grade of C or better is required in Calculus I (Math 150 at SIUC), in a recent semester.
Class Description: Vector spaces, linear functions, systems of equations, dimension, matrices, determinants, eigenvalues, vectors.
Grading: Your Class Grade will be determined by your performance on the Homeworks, Exams, and the Final Exam.

Homeworks collected:
During the semester 8 collected Homeworks will be given.
HW 1A, HW 1B on Exam 1 material.
HW 2A, HW 2B on Exam 2 material.
HW 3A, HW 3B on Exam 3 material.
HW 4A, HW 4B on Exam 4 material.
For the collected HW’s you will work in pairs, these will be graded by a grader, and returned with solutions. Total=100 points.

Exams: There will be 4 in-class exams. Some sections may be added/deleted:
Exam 1: Chp. 1
Exam 2: Chp. 2.
Exam 3: Chp. 3.
Exam 3: Chp. 4.
Each Exam is worth 100 points. Make-up Exams will only be given if you have a good excuse: bring a doctor’s note, athletic meet note, etc. to my office sometime before the Exam. Total=400 points.

Final Exam: The (comprehensive) Final Exam is worth 200 points. Total=200 points.
**Scale:** The class will be graded on $100+400+200=700$ points. Class grades will be determined according to the % scale: 90, 80, 70, 60; or the point scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
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<tbody>
<tr>
<td>A</td>
<td>630-700</td>
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<tr>
<td>B</td>
<td>560-629</td>
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<tr>
<td>C</td>
<td>490-559</td>
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<tr>
<td>D</td>
<td>420-489</td>
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<tr>
<td>F</td>
<td>000-419</td>
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**Miscellaneous:**

- This is a *difficult* class. The only way to learn math is to do math. Read the book. Take class notes. Do as much as possible of the assigned homework in a timely manner.

- Each day *uncollected* Homework will be written on the board. This is for you to do yourself and not turn in, it is mainly odd-numbered questions and the answers are in the back. Make sure you work the question until you get this answer. These uncollected Homeworks and the collected Homeworks are good preparation for the Exams.

- Drop date: Friday, Jan 29 (week 2) (with refund); Sunday, April 3 (end week 10) (without refund).

- Proficiency Exam, see Dr. Redmond (Neckers 259) or go to the Math Office, Neckers 360.

- Free Math Tutorial sessions are located in the College of Science Study Area on the second floor of Neckers: M-Th 4-9pm. Bring your own books.

- The Final Exam date and time is Wednesday May 11, 10.15am–12.15pm in here.

- A scientific calculator can be used for this course. You can use one on the Exams and Final, for checking solutions only, *all work must be shown.*

- Handouts, HW, etc., will be posted on Desire2Learn (D2L).

- Part of this course is to learn definitions, and short proofs. We will also study some applications of Linear Algebra not from this book, some from another book by Bronson, and also from other books. Handouts will be given as needed.

    Study hard and good luck!