General information
Instructor: Dr. Matthew Macauley
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Web: http://www.math.clemson.edu/~macaule/
Phone: (864) 656-1838
Office: Martin O-325
Office hours: (subject to change!) MWF 9:00–10:00 and by appointment
Text: Linear Algebra and its Applications, by Peter Lax (required),
Matrices and Linear Transformations, by Charles G. Cullen (recommended),
Theory of Matrices, by Sam Perlis (recommended).
Web: I will post course material on my website.

Objectives
This course will be a comprehensive survey of linear algebra at the graduate level. The
goals are two-fold – to prepare you for the linear algebra part of the prelim, and to build
up a solid linear algebra foundation necessary for your other classes and your research.

Grading
Final grades will be determined by the following rubrik:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm 1</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>20%</td>
</tr>
<tr>
<td>Final exam</td>
<td>40%</td>
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Make-up exams will be given ONLY with an official written excuse in advance, and
will not necessarily be the same as the regular exam.

If you get an A on the final exam, then you get an A in the course.

Homework assignments will accumulate from lecture to lecture and will be due roughly
once a week. I will post the problems on my website. Late homework will not be accepted.

Attendance
Attendance on test days is mandatory. Class attendance at other times is not mandatory,
but is strongly recommended. Students may leave after 10 minutes if the professor or a
guest lecturer does not arrive in that time.
Laptops, cell phones, PDAs

All use of cell phones, and typing on laptops is prohibited during lecture. Calculators, cell phones, laptops, and PDAs will not allowed during exams.

Academic integrity

As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a high seminary of learning. Fundamental to this vision is a mutual commitment to truthfulness, honor and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form."