Math 313/513: Computational Linear Algebra
Spring 2011: Tuesdays & Thursdays, 3:00–4:30
David Rittenhouse Laboratory (DRL) 3C6

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DRL 3W3(teaching office [89]6-7326)
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website: www.gang.umass.edu/˜ kusner/class/513.html
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Wednesdays 10–noon)

The text, *Introduction to Linear Algebra, 4E* by Gilbert Strang, is the latest
revision of his classic, emphasizing the subject's computational and utilitar-
ian aspects. Please read the preface and outline of the text. We cover most
topics through chapter 6, touching on ideas from chapter 7 as well. Another
resource is Cleve Moler's (http://www.mathworks.com/moler/) MATLAB
text, to which we'll turn as needed.

On my homework page (www.gang.umass.edu/˜ kusner/class/513hw) you
can find a schedule of topics (updated weekly), free hints and advice, or
what homework is due when. Math 513 students will get weekly bonus
homework problems.

Class attendance is expected. Besides the value of class participation, there
may be a few in-class quizzes which you won't want to miss!

There will be a mid-term exam covering material through chapter 3 just
before spring break (................... in ...., and a comprehensive
final exam (................... in ....).

Meeting deadlines is essential. Homework is due before class Thursdays.
No late homework will be accepted, and there are no "make-up" quizzes,
but a small portion of the homework and quiz scores will be disregarded, so
students need not panic about missing an assignment here or there.

Absence from an exam (mid-term or final) is not excusable except under
extreme circumstances; such absence makes life difficult for everyone.

Grading will be based in (roughly) equal parts on the homework and quizzes,
on the mid-term exam, and on the final exam.