Matrix Algebra with Applications
Math 308 M; Spring 2015

Instructor: Josh Swanson
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Course Website: http://www.math.washington.edu/~jps314/m308_sp2015
Office Hours: Mondays from 3:30pm to 4:30pm.

Text: Linear Algebra with Applications by Jeffrey Holt. You may purchase a hard copy of the text at
the bookstore or use the electronic version that comes with WebAssign.

Course Content: Math 308 is an introductory course in linear algebra intended for students in engi-
neering, mathematics, and the sciences. Topics will include systems of linear equations, vector spaces,
matrices, subspaces, orthogonality, least squares, eigenvalues, eigenvectors, and applications.

Grading: Your grade will consist of:

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<tbody>
<tr>
<td>WebAssign</td>
<td>10%</td>
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<tr>
<td>Proof Homeworks</td>
<td>5%</td>
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<tr>
<td>Exam I</td>
<td>25%</td>
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<tr>
<td>Exam II</td>
<td>25%</td>
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<tr>
<td>Final Exam</td>
<td>35%</td>
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though I may tweak the grading scheme during the quarter as I see fit.

Homework: Most homework assignments will be assigned and collected via WebAssign. During most
weeks, homework will be due at 11:00 p.m. on Thursday, with a couple of exceptions during exam and
holiday weeks, when it will be due on Tuesday. See the schedule for specific due dates. There will also
be three hand-written “proof homeworks” throughout the quarter, one before each exam. They will be
announced beforehand and graded very leniently.

Exams: You will be allowed to use a scientific calculator and one 8.5 × 11 sheet of handwritten notes
for the exams. Graphing or programmable calculators and other electronic devices will not be allowed
(e.g. no cell phones, no laptops, etc). You may not share a calculator nor a note sheet with another
student on an exam.

Exams: All exams will be in the regular lecture room, LOW 201.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Time</th>
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<tr>
<td>Exam I</td>
<td>Wednesday, April 22nd</td>
<td>In lecture</td>
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<tr>
<td>Exam II</td>
<td>Friday, May 15th</td>
<td>In lecture</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Tuesday, June 9th</td>
<td>2:30-4:20pm</td>
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Make-Ups: Extensions and extra submissions on homework will not be given under any circumstances.
You may miss up to 10% of the total number of homework points during the quarter without penalty to
your grade.

In the case of observance of religious holidays or participation in university sponsored activities, such
as class field trips or athletics, arrangements must be made at least one week in advance for exams. You
will be required to provide documentation for your absence.

Make-up exams will not be given. If you miss an exam due to unavoidable, compelling, and
well-documented circumstances (e.g., illness, transportation emergency), your final exam may be weighted
more heavily. Contact me immediately if one of these circumstances arises.

Resources for Students with Disabilities:
The University of Washington is committed to providing access, equal opportunity and reasonable
accommodation in its services, programs, activities, education and employment for individuals with
disabilities. To request disability accommodation contact the Disability Services Office at least ten days
in advance at: 206-543-6450/V, 206-543-6452/TTY, 206-685-7264 (FAX), or dso@u.washington.edu.