COURSE DESCRIPTION
ALGEBRA I: LINEAR
MA 4/534-2C
FALL 2013

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF ALABAMA AT BIRMINGHAM

Course Instructor: Professor Y. Zeng
Office: CH 496A
Phone#: (205) 934-2154
Office Hours: Monday 4:30 – 5:30PM and Tuesday 12:30 – 1:30PM (or by appointment)

Meeting times: TTh, 11:00AM- 12:15PM
Meeting location: HHB 221
Prerequisite: Grade of C or better in MA 126.
Credits: 3 semester hours
Textbook: Elementary Linear Algebra, Tenth edition by Howard Anton, Wiley, 2010. Topics to be covered can be found in Chapters 1 – 8, including methods of proof. (See below for more detail.)

Important dates:
First day of classes: August 26, 2013
Labor Day Holiday: September 2, 2013
Last day to drop without paying full tuition: September 3, 2013
Last day to withdraw with a “W”: October 25, 2013
Fall Break: November 25 – 29, 2013,
Last day of class: December 6, 2013
Major exams (tests): Test I: near Thursday, October 10;
Test II: near Tuesday, December 3.
(These dates are approximate and may be slightly shifted due to unforeseen circumstances.)
Final exam: Tuesday, December 10, 2013, 10:45 AM – 1:15 PM. The final exam is comprehensive.

Course policies:
• Please make sure that you are able to receive e-mail through your Blazer-ID account. Official course announcements will be sent to that address.
• If you wish to request a disability accommodation please contact DSS at 934-4205 or at dss@uab.edu.
• Turning in the homework is required. You must turn in a good faith effort on 85% of the homework assignments; otherwise, an “I” or “F” is given. Homework is due each Tuesday. Only half credit is awarded for late homework. Students in MA 534 will have additional assignments.

Date: January 9, 2013.
• The two lowest quiz grades will be dropped to account for any missed classes due to illness or any other circumstance. If a test is missed due to a serious verifiable circumstance or official university business, the test grade will be replaced with the properly rescaled final exam score. You must contact the instructor of such circumstances before the exam takes place.

• No books, notes, or calculators will be allowed during any of the tests or quizzes. Students in MA 534 will have additional questions in each test.

• Your course performance is based on the following grading scheme:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework and Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>Best of Tests 1,2</td>
<td>30%</td>
</tr>
<tr>
<td>Worst of Tests 1,2</td>
<td>20%</td>
</tr>
<tr>
<td>Final exam</td>
<td>30%</td>
</tr>
</tbody>
</table>

• Your final grade is determined according to the following table:

<table>
<thead>
<tr>
<th>Course performance</th>
<th>Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>88-100</td>
<td>A</td>
</tr>
<tr>
<td>75-87</td>
<td>B</td>
</tr>
<tr>
<td>62-74</td>
<td>C</td>
</tr>
<tr>
<td>50-61</td>
<td>D</td>
</tr>
<tr>
<td>below 50</td>
<td>F</td>
</tr>
</tbody>
</table>

Sections to be covered:

• Chapter 1: 1.1 – 1.7
• Chapter 2: 2.1 – 2.3
• Chapter 3: 3.1 – 3.5 (mostly review of some Calculus II material)
• Chapter 4: 4.1 – 4.10
• Chapter 5: 5.1 – 5.2
• Chapter 6: 6.1 – 6.2
• Chapter 7: 7.1 – 7.3
• Chapter 8: 8.1 – 8.3