Syllabus

MATH 1522 A: Introduction to Linear Algebra for Calculus

Summer 2013

MWF 10:40 am – 11:50 am Skiles 249

School of Mathematics

Georgia Institute of Technology

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Course Content: We will cover most of chapters 1 – 7 including eigenvalues and eigenvectors, applications to linear systems, and least squares problems.

Homework: Homework will be assigned through http://www.mymathlab.com/.
You will need to purchase an access code for MyMathLab in order to complete the on–line homework assignments. MyMathLab will come with an entire electronic version of the textbook; thus, it is not necessary to purchase a hardcopy of the text unless you prefer to do so. You may purchase a MyMathLab access code either from the bookstore or directly on–line at mymathlab.com, or if you prefer to own a hardcopy of the text, the bookstore sell the access code bundled with a loose–leaf version of the textbook that is less expensive than purchasing the text and access code separately. For more information you can find the tutorial for MyMathLab at https://t-square.gatech.edu/access/content/group/51021.201305/MyMathLab_Registration_guide_cicone04156.pdf
The MyMathLab course ID is cicone04156.

Assessment: There will be 27 Homework Assignments, 4 Quizzes, 3 Midterm tests and the Final Exam.
Quizzes focus on material covered in the previous few lectures. Tests and the final are cumulative.
The final exam will be taken on Monday July 29th from 8:00 am to 10:50 am. No student should miss the final.
All quizzes–tests–the final exam are not open – booked (i.e. textbooks/notes are not allowed during them) and all tests contain problems similar to the homework assignments, therefore it is important that you work on homework problems.

Electronic Equipment: The use of calculators as well as cell phones, tablet, laptops etc. is not permitted on quizzes, tests and the final exam.

Tentative Quizzes/Tests Schedule:

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Wednesday</th>
<th>May 22</th>
<th>Quiz 3</th>
<th>Wednesday</th>
<th>July 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1</td>
<td>Friday</td>
<td>May 31</td>
<td>Test 3</td>
<td>Friday</td>
<td>July 12</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>Wednesday</td>
<td>June 12</td>
<td>Quiz 4</td>
<td>Friday</td>
<td>July 19</td>
</tr>
<tr>
<td>Test 2</td>
<td>Friday</td>
<td>June 21</td>
<td>Final Exam</td>
<td>Monday</td>
<td>July 29</td>
</tr>
</tbody>
</table>
Grading: Grades will consist of 10% from Homework Assignments, 20% from Quizzes, 15% from Test 1, 20% from Test 2, 15% from Test 3, and 20% from the Final Exam. Grades will be assigned according to the following scale:

91 – 100 A, 81 – 90 B, 71 – 80 C, 61 - 70 D, 60 and below F

Borderline Cases: If your percentage is near a border line, it will be handled individually with the consideration of other factors such as attendance, study effort, classroom contributions, performance over time, clarity of quizzes, midterms and the final exam. Note that your grade could be either up or down by these considerations.

Policy on missed exams: Official written excuse required.

No make–up quizzes are given. If a quiz is missed (with a valid excuse) the quiz grade will be the average of the grades on the remaining quizzes (equally weighted).

Make–up midterm tests and the final may be given only in case of an excused absence (e.g. a documented medical excuse or letter from the Dean of students). Student athletes should inform the instructor ahead of time of any team travel schedules that conflict with a scheduled tests.

Missing a quiz, test, or the final without a valid excuse will result in a “0” score for that test.

There is no make–up homework, if you do not submit a homework assignment by the due date it will result in a score of 0 for the assignment. The two lowest homework assignments will be dropped.

Regrading papers: If you find a grading error on a quiz or test, you must submit a regrade request in writing, along with your paper, no more than one week after the test or quiz has been returned.

Class Policies: You are expected to attend class, to arrive on time, to stay until the lecture is over. It is in your interest to pay attention during lectures.

Academic Honesty: Each student in this course is expected to abide by the Georgia Tech Honor Code [http://www.honor.gatech.edu/]. Any evidence of Honor code violations will be reported.

Extra Help: The Math Lab is located in Clough Commons, Room 280. For more information, [http://www.math.gatech.edu/academics/undergraduate/tutors-and-labs](http://www.math.gatech.edu/academics/undergraduate/tutors-and-labs)