Syllabus for Linear Algebra

Math 2580 Sections 1594, 6642 $\qquad\qquad\qquad\qquad$ Fall 2012

Lecture:	1594: T, Th 6:00-7:15 PM 6642: M, W 8:30 - 9:45AM, Location: Namm 922
Instructor:	Dr. Terence Kıvran-Swaine Office: Namm 724 Email: tkivran-swaine@citytech.cuny.edu Twitter: $@DrKivranSwaine\backslash math$ 2580 $\quad$ Hashtag: $\#Math2580$ OpenLab webpage: http://openlab.citytech.cuny.edu/mat2580fall2012
Office Hours:	Wednesdays 7:30-8:00AM, 1:00-1:30 PM, Thursdays 2:50-3:20 PM, 7:30 -8:00 PM, and by appointment.
Texts:	Linear Algebra and Its Applications, 4th Edition by David Lay. *You are expected to bring the book and any handouts with you to class each day.*
Calculator:	You are required to bring to class a calculator that can handle matrix operations such as a TI-84. We will also be using MATLAB in class and for projects. You can pick up the student license information in G600.
Evaluation:	Exams will constitute 80% of your grade. There will be six tests, two cummulative midterm and a cummulative final. The semester will be broken into two halves. Each half contains 3 tests and 1 midterm. The tests will count once and the midterms will count twice. This means that each half of the semester will consist of 5 exam grades. For each semester the two lowest grades will be dropped. The six remaining grades will be averaged with the final which will count twice. That average is the Exams grade. A sample calculation can be found below.

Homework will represent 10% of your grade. There will be homework every day without an exam. While homework will be assigned for everyone will complete specific exercises will be expected to be completed by specific student and posted on OpenLab. These students will be notified in class as to their assignment due the following class. Solutions should be presented clearly, illustrating intermediate steps in calculations and explaining reasoning in arguements. I will provide feedback on posted assignments in class which will include instructions for necessary improvements. These instructions must be followed for an assignment to recieve full credit. Each assignment is worth 2 out of 10 possible points. Each student will be given 7 opportunities to post exercises. No late assignments will be given credit. Students can only receive credit for exercises they have been assigned in class.

After the first Midterm, you will be provided a list of possible projects for you to complete. You must select one such project. It will be due near the end of the semester. The project will represent 10% of your overall grade.

In Summary:

Exams	80%	A	$93.6 - 100\%$
Homework	10%	A-	$90.0 - 92.5\%$
Assignments	10%	B+	$87.6 - 89.9\%$
		B	$82.6 - 87.5\%$
		B-	$80.0 - 82.5\%$
		C+	$77.6 - 79.9\%$
		C	$70.0 - 77.5\%$
		D	$60.0 - 69.9\%$
		F	$< 60.0\%$

Sample Exams Grade Calculation

First Half of Semester		
Test 1	84%	
Test 2	78%	
Test 3	72%	
Midterm 1	68%(×2)	← Lowest 2 scores
Second Half of Semester		
Test 4	70%	
Test 5	66%	
Test 6	59%	← Lowest Score
Midterm 2	62%(×2)	← Second Lowest Score
Final Exam	72%(×2)	
Exams Grade	72	$= \dfrac{84 + 78 + 72 + 70 + 66 + 62 + 72 \cdot 2}{8}$

Attendance: You are expected to attend all class meetings and are responsible for all the material covered. Attendance is required and will be taken. Lateness and students leaving before the end of the class period will be recorded as half absences. If absences become excessive, the student may be asked to withdraw from the course. Any changes in this syllabus or in the scheduling of exams, assignments, *et cetera* will be announced during class meetings. Students who miss a class meeting should obtain all the information for that meeting.

Make-up and Late work There will be NO MAKE-UP exams nor acceptance of late homework. Such needs are addressed by the lowest exams, homeworks and assignments being dropped.

Academic Integrity: Academic Dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension and expulsion. Examples of academic dishonesty are cheating on exams or turning in someone else's work for credit.