Math 2B-1, 8:30 -- 9:20 AM, MTWThF, Room: E36, Spring, 2015

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: MTWThF: 9:30-10:20 AM or by appointment

Prerequisites: Math 1D (with a grade of C or better), or equivalent
Textbook: *Elementary LINEAR ALGEBRA*, 11th Ed, by Howard Anton

Attendance: Students are expected to attend all classes on time. Students who are absent more than **3 times** may be dropped from the class. However, **it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the dead line will not be considered by the instructor.**

Homework: Homework (hw) will be assigned **every day in class** and will be collected three times: on **May 1st, May 29th, and June 22nd** (20 points each collection.) No late hws will be accepted. Hw is the key to success in this class. Plan to devote a minimum of **TWO hours** to hw for **each class hour**.

Quizzes: **Three Quizzes** (33, 33, and 34 points) will be given in class. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

Midterms: **Two one-class-hour midterm examinations** (100 points each) will be given in class. No makeup except for extenuating circumstances assuming the student notifies the instructor as soon as the emergency arises.

Final Exam: **One two-hour comprehensive examination** will be given from **7:00 – 9:00AM** on **Tuesday**, **June 23, 2015**. Any student missing the final will receive an F grade.

Grading:

Distribution

Homework	60
Quizzes	100
Midterms	200
Final Exam	200
Total	560

Scale

Grade	Points	Percentage
A+	530-560	95%-100%
A	502-529	90%-94%
A-	490-501	88%-89%
B+	474-489	85%-87%
B	446-473	80%-84%
B-	434-445	78%-79%
C+	418-433	75%-77%
C	378-417	68%-74%
D+	362-377	65%-67%
D	334-361	60%-64%
D-	322-333	58%-59%
F	0-321	0%-57%

SLO:
1. Construct and evaluate linear systems/models to solve application problems.
2. Solve problems by deciding upon and applying appropriate algorithms/concepts from linear algebra.
3. Apply theoretical principles of linear algebra to define properties of linear transformations, matrices and vector spaces.

MATH 2B-1 SCHEDULE, Spring 2015

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	6 **1.1**	7 **1.2**	8 **1.3**	9 **1.4**	10 **1.5**	11	12	1
APL	13 **1.6**	14 **1.7**	15 **1.8**	16 **2.1**	17 **Review** **Quiz #1**	18 Last day to add	19 Last day to drop with no record	2
APL	20 **Solution** **2.2**	21 **2.3**	22 **3.1**	23 **3.2**	24 **3.3**	25	26	3
APL / MAY	27 **3.4**	28 **3.5**	29 **4.1**	30 **Review**	1 Request P/NP **Exam #1**	2	3	4
MAY	4 **Solution**	5 **4.2**	6 **4.3**	7 **4.4**	8 **4.5**	9	10	5
MAY	11 **4.6**	12 **4.7**	13 **4.8**	14 **4.9**	15 **Review** **Quiz#2**	16	17	6
MAY	18 **Solution** **4.1O**	19 **4.11**	20 **5.1**	21 **5.2**	22 **5.3**	23	24	7
MAY	25 MEMORIAL DAY **HOLIDAY**	26 **5.4**	27 **6.1**	28 **Review**	29 Drop with "W" **Exam #2**	30	31	8
JUN	1 **Solution**	2 **6.2**	3 **6.3**	4 **6.4**	5 **7.1**	6	7	9
JUN	8 **7.2**	9 **7.3**	10 **7.4**	11 **7.5**	12 **Review** **Quiz #3**	13	14	10
JUN	15 **Solution** **8.1**	16 **8.2**	17 **8.3**	18 **8.4**	19 **8.5**	20	21	11
JUN	22 **Review**	23 **Final Exam** **7:00am-9:00**	24	25	26	27	28	12
JUN / JLY	29 SUMMER BEGINS	30	1	2	3	4	5	1