Math 1A-21, 1:30 pm --3:45 pm, MW, Room: E31, Winter, 2016

SYLLABUS

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

Prerequisites: Math 43 (with a grade of C or better), or equivalent
Textbook: *CALCULUS – Early Transcendentals*, 7th E (California Edition), by James Stewart
Materials: Graphing calculator recommended

Attendance: Students are expected to attend all classes on time. Students who are absent more than **2 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, each on **the review day of each exam** (20 points for 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 **1:45pm – 3:45pm** on **Monday**, **March 21, 2016**. 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: **Student Learning Outcome statements:** Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision. Evaluate the behavior of graphs in the context of limits, continuity, and differentiability. Recognize diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Math 1A-21 Schedule, Winter 2016
Dr. Kejian Shi

Winter 2015

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
Jan	4 **INSTRUCTION BEGINS** **1.1-1.6**	5	6 **2.1, 2.2**	7	8	9	10	1
Jan	11 **2.3, 2.4**	12	13 **2.4** **Quiz #1**	14	15	16 **Last Day to Add**	17 **Last Day to Drop** (with refund or credit)	2
Jan	18 **M L K Holiday** ***Last day to Drop w no grade or record***	19	20 **Solution** **2.5, 2.6**	21	22	23	24	3
Jan	25 **2.7, 2.8**	26	27 **Review** **Exam #1**	28	29 Last day to request P/NP grade	30	31	4
Feb	1 **Solution** **3.1, 3.2**	2	3 **3.4, 3.4**	4	5	6	7	5
Feb	8 **3.4, 3.5**	9	10 **3.6** **Quiz #2**	11	12 **Lincoln's B-Day Holday**	13 **President's Weekend**	14	6
Feb	15 **Washington's B-day Holiday**	16	17 **Solution** **3.9, 3.10**	18	19	20	21	7
Feb	22 **4.1, 4.2**	23	24 **Review** **Exam #2**	25	26 **Last Day to drop with a W**	27	28	8
Feb / March	29 **Solution** **4.3, 4.4**	1	2 **4.5**	3	4	5	6	9
March	7 **4.7**	8	9 **4.8, 4.9** **Quiz #3**	10	11	12	13	10
March	14 **Solution** **10.1, 10.2**	15	16 **Review**	17	18	19	20	11
March	21 **FINAL EXAM 1:45PM-3:45**	22	23	24	25	26	27	12
March / April	28 **RECESS**	29 **RECESS**	30 **RECESS**	31 **RECESS**	1 **RECESS**	2	3	0
April	4 **Spring Quarter Starts**	5	6	7	8	9	10	1