

Math 1A-3 8:30 am--9:20 am MTWRF Room: S46 Spring, 2017

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: MTWRF: 7:30am -- 8:20am or by appointment

Prerequisites: Math 43 (with a grade of C or better), or equivalent
Textbook: *CALCULUS – Early Transcendentals*, by James Stewart | Ron Larson
Materials: Graphing calculator recommended

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, 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 **7:00am–9:00am on Wednesday, June 28, 2017**. Any student missing the final will receive an F grade.

Grading:	<u>Distribution</u>		<u>Scale</u>		
			Grade	Points	Percentage
Homework	60		A+	530-560	95%-100%
			A	502-529	90%-94%
			A-	490-501	88%-89%
Quizzes	100		B+	474-489	85%-87%
			B	446-473	80%-84%
			B-	429-445	77%-79%
Midterms	200		C+	401-428	72%-76%
			C	362-400	65%-71%
			D+	339-361	61%-64%
Final Exam	200		D	321-338	57%-60%
			D-	306-320	55%-59%
			F	0-305	0%-54%
	Total	560			

Integrity: Any type of cheating is not tolerated. Corresponding school rules will be followed.

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-3 SCHEDULE, Spring 2017

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	10 1.1	11 1.2	12 1.3	13 1.4	14 1.5	15	16	1
APL	17 2.1	18 2.2	19 2.3	20 2.3	21 Review Quiz #1	22 Last day to add	23 Last day to drop with no record	2
APL	24 Solution 2.4	25 2.4	26 2.5	27 2.5	28 2.6	29	30	3
MAY	1 2.6	2 2.7	3 2.7	4 Review	5 Request P/NP Exam #1	6	7	4
MAY	8 Solution	9 2.8	10 2.8	11 3.1	12 3.1	13	14	5
MAY	15 3.2	16 3.3	17 3.4	18 3.4	19 Review Quiz #2	20	21	6
MAY	22 Solution 3.5	23 3.6	24 3.9	25 3.10	26 3.11	27	28	7
MAY / JUN	29 Memorial Day HOLIDAY	30 3.11	31 4.1	1 Review	2 Drop with "W" Exam #2	3	4	8
JUN	5 Solution	6 4.2	7 4.3	8 4.3, 4.4	9 4.4	10	11	9
JUN	12 4.5	13 4.5	14 4.7	15 4.7	16 Review Quiz #3	17	18	10
JUN	19 Solution 4.8	20 4.9	21 10.1	22 10.2	23 Review	24	25	11
JUN / JUL	26	27	28 Final Exam 7:00AM-9:00	29	30	1	2	12
JUL	3 SUMMER BEGINS	4	5	6	7	8	9	1