

Math 1A-5, 9:30 am --10:20 , MTWThF, Room: S16, Fall, 2016

## SYLLABUS

**Instructor:** Dr. Kejian Shi  
**Office:** S-16A  
**Office Phone:** (408) 864-8481  
**Office Hour:** 10:30am – 11:30 MTWThF 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 **examination days** (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 **9:15am–11:15** on **Tuesday, December 13, 2016**. Any student missing the final will receive an F grade for the course.

<b>Grading:</b>	<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-	434-445	78%-79%
	Midterms	200	C+	418-433	75%-77%
			C	362-417	65%-74%
			D+	334-361	60%-64%
	Final Exam	200	D	322-333	58%-59%
		-----	D-	308-321	55%-57%
	Total	560	F	0-307	0%-54%

**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-05 Schedule Fall, 2016

Room S-16 / 9:30 -- 10:20am

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
SEP / OCT	26 INSTRUCTION BEGINS 1.1, 1.2	27 1.3, 1.4	28 1.5	29 2.1	30 2.2	1	2	1
OCT	3 2.2	4 2.3	5 2.3	6 2.3	7 Review Quiz #1	8 Last Day to Add	9 Last Day to Drop with no Record	2
OCT	10 Census Day 2.4	11 2.4	12 2.5	13 2.5	14 Last Day to Request P/NP 2.6	15	16	3
OCT	17 2.6	18 2.7	19 2.7	20 Review Hw/Proj. 1 Due	21 Exam #1	22	23	4
OCT	24 Solution	25 2.8	26 2.8	27 3.1	28 3.1	29	30	5
OCT / NOV	31 3.2	1 3.3	2 3.4	3 3.4	4 Review Quiz #2	5	6	6
NOV	7 3.5	8 3.6	9 3.9	10 3.10	11 VETERAN'S DAY NO CLASSES	12	13	7
NOV	14 3.11	15 4.1	16 4.2	17 Review Hw/Proj. 2 Due	18 Last Day to Drop with a W Exam #2	19	20	8
NOV	21 Solution	22 4.3	23 4.3, 4.4	24 THANKSGIVING NO CLASSES	25 THANKSGIVING NO CLASSES	26	27	9
NOV	28 4.4	29 4.5	30 4.7	1 4.7	2 Review Quiz #3	3	4	10
NOV / DEC	5 4.8	6 4.9	7 10.1	8 10.2	9 Review Hw/Proj. 3 Due	10	11	11
	12	13 Final Exam 9:15AM-11:15	14	15	16	17	18	12
12 weeks, 53 days of instruction								

**WINTER QUARTER 2017 Begins January 9, 2017**