

Math 1A-1, 7:30 am --9:45 am, MTWTh Room: G7, Summer, 2016

### SYLLABUS

**Instructor:** Dr. Kejian Shi  
**Office:** S-16A  
**Office Phone:** (408) 864-8481  
**Office Hour:** By appointment

**Prerequisites:** Math 43 (with a grade of C or better), or equivalent  
**Textbook:** *CALCULUS – Early Transcendentals*, 7<sup>th</sup> 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 **7:30am – 9:45am** on **Thursday, August 4th, 2016**. Any student missing the final will receive an F grade.

<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	317-333	57%-59%
		-----	D-	300-316	54%-56%
	Total	560	F	0-299	0%-53%

**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-1 Tentative Schedule  
 Summer, 2016  
 Dr. Kejian Shi

	<b>MON</b>	<b>TUE</b>	<b>WED</b>	<b>THU</b>	<b>FRI</b>	<b>SAT</b>	<b>SUN</b>
<b>June / July</b>	27 2.1, 2.2	28 2.2, 2.3	29 2.4, 2.5	30 Review Quiz #1	1	2	3
<b>July</b>	4 Holiday	5 Solution 2.6, 2.7	6 2.8, 3.1 Review	7 Questions and answers TEST #1	8	9	10
<b>July</b>	11 Solution 3.2, 3.3	12 3.3, 3.4	13 3.5, 3.6	14 Review Quiz #2	15	16	17
<b>July</b>	18 Solution 3.6, 3.9	19 3.10, 4.1	20 4.1, 4.2 Review	21 Questions and answers TEST #2	22	23	24
<b>July</b>	25 Solution 4.3, 4.4	26 4.4, 4.5	27 4.7, 4.8	28 Review Quiz #3	29	30	31
<b>August</b>	1 Solution 4.8, 4.9	2 10.1, 10.2	3 Review	4 FINAL EXAM 7:30--9:45 AM	5	6	7