

Math 1C-06, 3:00 pm -- 5:15 pm, MTWR, Room: S16, Summer, 2018

SYLLABUS

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

Prerequisites: Math 1B (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 **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 **3:00pm–5:15pm** on **Thursday, August 9, 2018**. Any student missing the final will receive an F grade for the course.

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-	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.

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.

*Apply infinite sequences and series in approximating functions.

*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.