

SYLLABUS

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

Prerequisites: Math 42 (with a grade of C or better), or equivalent
Textbook: *Precalculus with Limits*, 2nd Ed., by 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: on **July 9th, July 23rd, and August 6th** (20 points 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 on **Thursday, August 6, 2015** from **12:30p.m. – 2:45p.m.** 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-	434-445	78%-79%
	Midterms	200	C+	418-433	75%-77%
			C	378-417	68%-74%
			D+	362-377	65%-67%
	Final Exam	200	D	334-361	60%-64%
		-----	D-	322-333	58%-59%
	Total	560	F	0-321	0%-57%

- SLO: Student Learning Outcome statements:**
- Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
 - Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
 - Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.