Math 43-6, 10:30 am -- 11:20 am, MTWThF, Room: E32, Spring, 2016

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: MW: 3:50 pm – 4:50 pm; TTH: 1:30 pm – 3:50 pm, or 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, 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 on **Thursday, June 23rd, 2016** from **9:15AM – 11:15AM.** Any student missing the final will receive an F grade.

Grading:

Distribution

Homework	60
Quizzes	100
Midterms	200
Final Exam	200
Total	560

Scale

Grade	Points	Percentage
A+	530-560	95%-100%
A	502-529	90%-94%
A-	490-501	88%-89%
B+	474-489	85%-87%
B	446-473	80%-84%
B-	434-445	78%-79%
C+	418-433	75%-77%
C	362-417	65%-74%
D+	334-361	60%-64%
D	317-333	57%-59%
D-	300-316	54%-56%
F	0-299	0%-53%

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

SLO: **Student Learning Outcome statements:**

1. Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.
2. Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.
3. Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.

MATH 43-6 SCHEDULE, Spring 2016

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	4 **6.3**	5 **6.3, 6.4**	6 **6.4**	7 **7.1**	8 **7.1, 7.3**	9	10	1
APL	11 **7.3**	12 **7.5**	13 **7.5, 8.1**	14 **8.1**	15 **Review** **Quiz #1**	16 Last day to add Drop for refund	17 Last day to drop with no record	2
APL	18 **8.2**	19 **8.2**	20 **8.3**	21 **8.4**	22 **8.5**	23	24	3
APL / MAY	25 **8.5**	26 **9.1**	27 **9.1, 9.2**	28 **Review**	29 Request P/NP **Exam #1**	30	1	4
MAY	2 **Solution**	3 **9.2**	4 **9.3**	5 **9.3, 9.4**	6 **9.4**	7	8	5
MAY	9 **9.5**	10 **9.5**	11 **10.1**	12 **10.2**	13 **Review** **Quiz#2**	14	15	6
MAY	16 **10.2, 10.3**	17 **10.3**	18 **10.4**	19 **10.4, 10.5**	20 **10.5**	21	22	7
MAY	23 **10.6**	24 **10.6, 10.7**	25 **10.7**	26 **Review**	27 Drop with "W" **Exam #2**	28	29	8
MAY / JUN	30 MEMORIAL DAY **HOLIDAY**	31 **Solution**	1 **10.8**	2 **10.8, 10.9**	3 **10.9**	4	5	9
JUN	6 **11.1**	7 **11.1, 11.2**	8 **11.2**	9 **11.3**	10 **Review** **Quiz #3**	11	12	10
JUN	13 **11.3**	14 **11.4**	15 **11.4**	16 **Review**	17 **Review**	18	19	11
JUN	20	21	22	23 **Final Exam** **9:15am-11:15**	24	25	26	12
JUN / JUL	27 SUMMER BEGINS	28	29	30	1	2	3	1