Math 22-5,   9:30 am --10:20 am,   MTWThF,   Room: E32,   Spring, 2016

SYLLABUS

Instructor:	Dr. Kejian Shi
Office:	S-16A
Office Phone:	(408) 864-8481
Office Hour:	MW: 3:50pm -- 4:50pm; TTH: 1:30pm – 2:50pm, or by appointment

Prerequisites:	Math 43 (with a grade of C or better), or equivalent
Textbook:	*Discrete Mathematics*, Brief Edition, by Susanna S. Epp
Materials:	A scientific 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 from **9:15am–11:15am** on **Tuesday, June 21, 2016**. Any student missing the final will receive an F grade for the course.

Grading:

Distribution			Scale		
			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%
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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:** Critique a mathematical statement for its truth value, defend choice by formulating a mathematical proof or constructing a counterexample. Analyze and apply patterns of discrete mathematical structures to demonstrate mathematical thinking defend.

MATH 22-5 SCHEDULE, Spring 2016
Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	4 1.1	5 1.2	6 1.3	7 2.1	8 2.2	9	10	1
APL	11 2.3	12 3.1	13 3.2	14 3.3	15 **Review** **Quiz #1**	16 Last day to add Drop for refund	17 Last day to drop with no record	2
APL	18 3.4	19 4.1	20 4.2	21 4.3	22 4.4	23	24	3
APL / MAY	25 4.5	26 4.6	27 5.1	28 **Review**	29 Request P/NP **Exam #1**	30	1	4
MAY	2 **Solution**	3 5.2	4 5.3	5 5.5	6 5.6	7	8	5
MAY	9 6.1	10 6.2	11 6.3	12 6.4	13 **Review** **Quiz#2**	14	15	6
MAY	16 7.1	17 7.2	18 7.3	19 7.4	20 8.1	21	22	7
MAY	23 8.2	24 8.3	25 8.4	26 **Review**	27 Drop with "W" **Exam #2**	28	29	8
MAY / JUN	30 MEMORIAL DAY **HOLIDAY**	31 **Solution**	1 9.1	2 9.2	3 9.3	4	5	9
JUN	6 9.4	7 9.5	8 9.6	9 10.1	10 **Review** **Quiz #3**	11	12	10
JUN	13 10.2	14 10.3	15 10.4	16 **Review**	17 **Review**	18	19	11
JUN	20	21 **Final Exam** **9:15am-11:15**	22	23	24	25	26	12
JUN / JUL	27 SUMMER BEGINS	28	29	30	1	2	3	1