

Math 22-5, 8:30 am --9:20 am, MTWThF, Room: S16,

Fall, 2016

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: 10:30am – 11:30 MTWThF 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 examination days** (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 **7:00am–9:00am on Wednesday, December 14, 2016**. 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	322-333	58%-59%
		-----	D-	308-321	55%-57%
	Total	560	F	0-307	0%-54%

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 22-05 Schedule Fall, 2016

Room S-16 / 8:30 -- 9:20am

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
SEP / OCT	26 INSTRUCTION BEGINS 1.1	27 1.2	28 1.3	29 2.1	30 2.2	1	2	1
OCT	3 2.3	4 3.1	5 3.2	6 3.3	7 Review Quiz #1	8 Last Day to Add	9 Last Day to Drop with no Record	2
OCT	10 Census Day 3.4	11 4.1	12 4.2	13 4.3	14 Last Day to Request P/NP 4.4	15	16	3
OCT	17 4.5	18 4.6	19 5.1	20 Review Hw/Proj. 1 Due	21 Exam #1	22	23	4
OCT	24 Solution	25 5.2	26 5.3	27 5.5	28 5.6	29	30	5
OCT / NOV	31 6.1	1 6.2	2 6.3	3 6.4	4 Review Quiz #2	5	6	6
NOV	7 7.1	8 7.2	9 7.3	10 7.4	11 VETERAN'S DAY NO CLASSES	12	13	7
NOV	14 8.1	15 8.2	16 8.3	17 Review Hw/Proj. 2 Due	18 Last Day to Drop with a W Exam #2	19	20	8
NOV	21 Solution	22 9.1	23 9.2	24 THANKSGIVING NO CLASSES	25 THANKSGIVING NO CLASSES	26	27	9
NOV	28 9.3	29 9.4	30 9.5	1 9.6	2 Review Quiz #3	3	4	10
NOV / DEC	5 10.1	6 10.2	7 10.3	8 10.4	9 Review Hw/Proj. 3 Due	10	11	11
	12	13	14 Final Exam 7:00AM-9:00	15	16	17	18	12
12 weeks, 53 days of instruction								

WINTER QUARTER 2017 Begins January 9, 2017