

Math 22-5, 8:30 am --9:20 am, MTWThF, Room: E31,

Fall, 2017

**SYLLABUS**

**Instructor:** Dr. Kejian Shi  
**Office:** S-16A  
**Office Phone:** (408) 864-8481  
**Office Hour:** 7:40am – 8:10am and 10:30 am --11:00 am 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 13, 2017**. Any student missing the final will receive an F grade for the course.

<b>Grading:</b>	<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 Tentative Schedule Fall, 2017

Room E31 / 8:30am -- 9:20

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

**WINTER QUARTER 2018 Begins January 8, 2018**