

Math 22-3, 10:00 am --12:15 pm, MTWTh, Room: G7, Summer, 2016

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: 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 **2 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 **10:00am–12:15pm on Thursday, August 4, 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 317-333 57%-59%
	-----	D- 300-316 54%-56%
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 22-3 Tentative Schedule
 Summer, 2016
 Dr. Kejian Shi

	MON	TUE	WED	THU	FRI	SAT	SUN
June / July	27 1.1, 1.2, 1.3	28 2.1, 2.2, 2.3	29 3.1, 3.2, 3.3	30 Review Quiz #1	1	2	3
July	4 Holiday	5 Solution 3.4, 4.1, 4.2	6 4.3, 4.4 Review	7 Questions and answers TEST #1	8	9	10
July	11 Solution 4.5, 4.6, 5.1	12 5.2, 5.3, 5.5	13 5.6, 6.1, 6.2	14 Review Quiz #2	15	16	17
July	18 Solution 6.3, 6.4	19 7.1, 7.2, 7.3	20 7.4, 8.1 Review	21 Questions and answers TEST #2	22	23	24
July	25 Solution 8.2, 8.3	26 9.1, 9.2, 9.3	27 9.4, 9.5, 9.6	28 Review Quiz #3	29	30	31
August	1 Solution 10.1, 10.2	2 10.3, 10.4	3 Review	4 FINAL EXAM 10:00AM--12:15	5	6	7