

Math 22-3, 10:00 am --12:15 pm, MTWTh, Room: MLC255, Summer, 2018

**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 9, 2018**. 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%
			F	0-299	0%-53%
	Total	560			

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

**Student Learning Outcome(s):**

\*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.