SYLLABUS

Instructor: Dr. Kejian Shi
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Prerequisites: Math 114 (with a grade of C or better), or equivalent
Textbook: *APPLIED FINITE MATHEMATICS*, 3rd Ed, by Sekhon and Bloom:
                     https://www.deanza.edu/faculty/bloomroberta/math11/index.html
Materials: Graphing calculator recommended

Attendance: This class is an **online class**. My daily lecture videos will be posted on the Canvas. Students are expected to watch and study the videos on every school day. Different people can watch at different time during the day. The videos can be watched multiple times. Questions will be answered through email. **It is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the deadline will not be considered by the instructor.**

Homework: Homework is the key to success in this class. Plan to devote a minimum of **TWO hours** to homework for each lecture.

Quizzes: **Three Quizzes** (33, 33, and 34 points) will be given from **6:00pm-7:00pm** on the quiz day (see the schedule). No makeup quizzes. The lowest quiz score will be replaced by the average of the two highest quiz scores.

Midterms: **Two midterm examinations** (100 points each) will be given from **6:00pm-8:00pm** on the midterm exam day (see the schedule). No makeup tests. The lowest midterm score will be replaced by the percentage of the final exam if the final percentage is higher. (In case that the two midterm scores are the same, only one will be replaced.)

Final Exam: **One comprehensive examination** will be given from **6:00pm-9:00pm** on **Thursday, August 5, 2021**. Any student missing the final will receive an F grade for the course.

Integrity: Any types of cheating are not tolerated. Corresponding school rules will be followed.

Grading:

Distribution   Scale

		Grade	Points	Percentage
		A+	473-500	95%-100%
Quizzes	100	A	448-472	90%-94%
		A-	438-447	88%-89%
		B+	423-437	85%-87%
		B	398-422	80%-84%
Midterms	200	B-	388-397	78%-79%
		C+	373-387	75%-77%
		C	323-372	65%-74%
		D+	298-322	60%-64%
Final Exam	200	D	288-297	58%-59%
	---------	D-	273-287	55%-57%
Total	500	F	0-272	0%-54%

Math 11-50Z Tentative Schedule (Summer 2021):

	MON	TUE	WED	THU	FRI	SAT	SUN
June / July	28 1.1--1.5	29 2.1--2.4	30 3.1, 3.2	1 4.2, 4.3 **Quiz #1**	2	3	4
July	5 Holiday (No Class)	6 Solution 6.1--6.4	7 6.5, 6.6 Review	8 **TEST #1**	9	10	11
July	12 Solution 7.1, 7.2	13 7.3--7.5	14 7.6, 7.7	15 8.1 **Quiz #2**	16	17	18
July	19 Solution 8.2, 8.3	20 8.4, 8.5	21 9.1 Review	22 **TEST #2**	23	24	25
July / August	26 Solution 9.2, 9.3	27 9.4, 10.1	28 10.2, 10.3	29 10.4 **Quiz #3**	30	31	1
August	2 Solution 11.1	3 11.2, 11.3	4 Review	5 **FINAL EXAM**	6	7	8

Homework Problem List:

At the end of every section in this textbook, there are around 20 to 30 exercise problems. You can find the solutions of most of the odd number problems in the same website where you can find the textbook. So, your **homework problems are all the even number problems at the end of each section.**

Student Learning Outcome(s):

*Identify, evaluate, and utilize appropriate linear and probability optimization models and communicate results.

*Compare, evaluate, judge, make informed decisions, and communicate results about various financial opportunities by applying the mathematical concepts and principles of the time value of money.