

## 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*, 3<sup>rd</sup> Ed, by Sekhon and Bloom:  
<https://www.deanza.edu/faculty/bloomroberta/math11/index.html>

**Materials:** Graphing calculator recommended

**Attendance:** Students are expected to attend the lectures Monday through Thursday. **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 is the key to success in this class. Plan to devote a minimum of **TWO hours** to homework for **each class hour**.

**Quizzes:** **Three Quizzes** (33, 33, and 34 points) will be given this quarter. 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 this quarter. 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 on Thursday, **August 6, 2020**. 11:00AM-2:00PM. Any student missing the final will receive an F grade for the course.

**Integrity:** Every student is expected to finish all the work independently. If there are identical written works, each person will receive the average score of such a group of people.

Grading:	<u>Distribution</u>		<u>Scale</u>		
			Grade	Points	Percentage
Quizzes	100		A+	473-500	95%-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%
			D	288-297	58%-59%
Final Exam	200		D-	273-287	55%-57%
			F	0-272	0%-54%
	Total	500			

Math 11-7 Tentative Schedule (Summer 2020):

	MON	TUE	WED	THU	FRI	SAT	SUN
June / July	29  1.1--1.5	30  2.1--2.4	1 3.1, 3.2 Review	2 4.2 Quiz #1	3	4	5
July	6 Solution 4.3, 6.1	7  6.2--6.4	8 6.5, 6.6 Review	9  TEST #1	10	11	12
July	13 Solution 7.1, 7.2	14  7.3--7.5	15 7.6, 7.7 Review	16 8.1 Quiz #2	17	18	19
July	20 Solution 8.2, 8.3	21  8.4, 8.5	22 9.1 Review	23  TEST #2	24	25	26
July / August	27 Solution 9.2, 9.3	28  9.4, 10.1	29 10.3 Review	30 10.4 Quiz #3	31	1	2
August	3 Solution 11.1	4  11.2, 11.3	5  Review	6  FINAL EXAM	7	8	9

**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.