

SYLLABUS

Instructor: Dr. Kejian Shi
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Office Hours: Fridays, 10:30am-11:30am virtual office hour via zoom on canvas

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 times 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 class lesson.

Quizzes: **Three Quizzes** (33, 33, and 34 points) will be given from **8:00pm-8:45pm** on the quiz day (on 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 **8:00pm-9:00pm** on the midterm exam day (on 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 replace once.)

Final Exam: **One comprehensive examination** will be given from **8:00pm-10:00pm** on **Monday, December 11, 2023**. 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:	<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%
Final Exam	200	D 288-297 58%-59%
	-----	D- 273-287 55%-57%
	Total 500	F 0-272 0%-54%

Math 11-51 Tentative Schedule (Fall 2023):

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
SEP / OCT	25 INSTRUCTION BEGINS 1.1, 1.2	26 1.3, 1.4	27 1.5	28 2.1, 2.2	29 2.3	30	1	1
OCT	2 2.4	3 3.1	4 3.1, 3.2	5 3.2	6 Quiz #1 8:00pm-8:45pm	7 Last Day to Add	8 Last Day to Drop with no Record	2
OCT	9 Census Day 4.1, 4.2	10 4.2, 4.3	11 4.3	12 5.1-5.5	13 6.1	14	15	3
OCT	16 6.2	17 6.3	18 6.4	19 Review	20 Exam #1 8:00pm-9:00pm	21	22	4
OCT	23 Solutions	24 6.5	25 6.6	26 7.1	27 7.2	28	29	5
OCT / NOV	30 7.3	31 7.4	1 7.5	2 7.6	3 Quiz #2 8:00pm-8:45pm	4	5	6
NOV	6 7.7	7 8.1	8 8.2	9 8.3	10 VETERAN'S DAY NO CLASSES	11	12	7
NOV	13 8.4	14 8.5	15 9.1	16 Review	17 Last Day to Drop / W Exam #2 8:00pm-9:00pm	18	19	8
NOV	20 Solutions	21 9.2	22 9.3	23 THANKSGIVING NO CLASSES	24 THANKSGIVING NO CLASSES	25	26	9
NOV / DEC	27 9.4	28 10.1	29 10.2	30 10.3	1 Quiz #3 8:00pm-9:45pm	2	3	10
DEC	4 10.4	5 11.1	6 11.2	7 11.3	8 Review	9	10	11
DEC	11 Final Exam 8:00pm-10:00pm	12	13	14	15	16	17	12
12 weeks, 53 days of instruction								

Homework Problem List:

At the end of every section in this textbook, there are around 25 exercise problems. You can find the solutions of most of the odd number problems in

<https://www.deanza.edu/faculty/bloomroberta/math11/index.html>

So, your **homework problems are all the even number problems at the end of each section** that we will cover in this quarter. Note if you would have difficulty to do a problem, then one way to get a better understanding of the problem is to look at the solutions of the odd number problem before or after the one you are doing. Most of the time they are the same type of problems.

Student Learning Outcome(s):

- Identify, evaluate, and utilize appropriate linear, probability, and 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.

Office Hours:

T	09:30 AM	10:30 AM	In-Person	S-16A
W	09:30 AM	10:30 AM	In-Person	S16-A
F	11:30 AM	12:30 PM	Canvas Online	
TH	09:30 AM	10:30 AM	In-Person	S-16A
F	10:30 AM	11:30 AM	Canvas Online	