Math 11-07Y, MTWTh: 10:30 --11:20 a.m. Room: E33; F: Online Winter, 2025

SYLLABUS

Instructor: Dr. Kejian Shi
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Office: S-16A

Office Hour: Tuesday: 11:30am --12:30 pm. (room S16-A) or by appointment

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 **in-person** and **online** combination class. Students are expected to be in class Monday through Thursday. Attendance will be taken daily. A total of 40 points will be given to attendance credit. On Friday, students are expected to watch and study the lecture videos, which I have posted on the Canvas. The videos can be watched multiple times. Questions will be answered in the classroom, or during office hours, or through emails.

Homework: **Six homework sets** will be collected, each on **the test (Quiz and Exam) days** (10 points for each set). No late hws will be accepted. One lowest hw score will be replaced by 10. 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 classroom**. No makeup quizzes. One lowest quiz score will be replaced by the average of the two highest quiz scores. Quiz problems are similar to homework problems and lecture examples.

Midterms: **Two one-class-hour midterm examinations** (100 points each) will be given **in classroom**. No makeup midterms. One lowest midterm score will be replaced by the percentage of your final exam score, if the percentage is higher.

Final Exam: **One two-hour comprehensive examination** will be given **in classroom** on **Thursday, 3/27/2025**, from **9:15am–11:15am.** Anyone missing the final will receive an F grade for the course.

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

Grading:

Distribution

Attendance	40
Homework	60
Quizzes	100
Midterms	200
Final Exam	200
Total	600

Scale

Grade	Points	Percentage
A+	567-600	95%-100%
A	537-566	90%-94%
A-	525-536	88%-89%
B+	507-524	85%-87%
B	477-506	80%-84%
B-	465-476	78%-79%
C+	447-464	75%-77%
C	387-446	65%-74%
D+	357-386	60%-64%
D	345-356	58%-59%
D-	327-344	55%-57%
F	0-326	0%-54%

Math 11-07Y Tentative Schedule (Winter, 2025):

Winter 2025								
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
Jan	6 INSTRUCTION BEGINS 1.1, 1.2	7 1.3, 1.4	8 1.5	9 2.1, 2.2	10 2.3	11	12	1
Jan	13 2.4	14 3.1	15 3.1, 3.2	16 Review Quiz #1	17 3.2	18	19 *Last Day to Add / to Drop without a W*	2
Jan	20 *Last day to drop without a W* M L K Holiday	21 Census Day 4.1, 4.2	22 4.2, 4.3	23 4.3	24 5.1-5.5	25	26	3
Jan	27 6.1	28 6.2	29 Review	30 Exam #1	31 *Last day to request P/NP* 6.3	1	2	4
Jan / Feb	3 Solutions	4 6.4	5 6.5	6 6.6	7 7.1	8	9	5
Feb	10 7.2	11 7.3	12 7.4	13 Review Quiz #2	14 *Lincoln's B-Day* *Holday*	15 *President's Weekend*	16	6
Feb	17 *Washington's B-day* *Holiday*	18 7.5	19 7.6	20 7.7	21 8.1	22	23	7
Feb	24 8.2	25 8.3	26 Review	27 Exam #2	28 *Last Day to drop with a W* 8.4	1	2	8
Feb / March	3 Solutions	4 8.5	5 9.1	6 9.2	7 9.3	8	9	9
March	10 9.4	11 10.1	12 10.2	13 Review Quiz #3	14 10.3	15	16	10
March	17 10.4	18 11.1	19 11.2	20 11.3	21 Review	22	23	11
March	24	25		27 FINAL EXAM 9:15am-11:15am	28	29	30	12

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.

Homework set #1: Sections 1.1—1.5, 2.1—2.4, and 3.1

Homework set #2: Sections 3.2, 4.1—4.3, 6.1—6.3

Homework set #3: Sections 6.4—6.6, 7.1—7.5

Homework set #4: Sections 7.6—7.7, 8.1—8.5

Homework set #5: Sections 9.1—9.4, 10.1—10.3

Homework set #6: Sections 10.4, 11.1—11.3

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	11:30 AM	12:30 PM	In-Person	S16-A
TH	12:30 PM	01:30 PM	Canvas	
T	01:30 PM	02:30 PM	Canvas	
TH	01:30 PM	02:30 PM	Canvas	