## **SYLLABUS**

Instructor: Dr. Kejian Shi e-mail: shikejian@fhda.edu

Office: S-16A

**Office Hour:** Wednesday: 10:30 --11:30 a.m. or by appointment

**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: This class is an in-person and online combination class. Students are expected to be in class

Monday through Thursday. 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 Tuesday, 12/10/2024,

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.

<b>Grading:</b>	<u>Distribution</u>		<u>Scale</u>		
			Grade	Points	Percentage
	Attendance	40	A+	567-600	95%-100%
			A	537-566	90%-94%
	Homework	60	A-	525-536	88%-89%
			B+	507-524	85%-87%
			В	477-506	80%-84%
	Quizzes	100	B-	465-476	78%-79%
			C+	447-464	75%-77%
			C	387-446	65%-74%
	Midterms	200	D+	357-386	60%-64%
			D	345-356	58%-59%
			D-	327-344	55%-57%
	Final Exam	200	F	0-326	0%-54%
	Total	600			

Math 11-05Y Tentative Schedule (Fall 2024):

SEP   INSTRUCTION   BEGINS   1.3, 1.4   1.5   2.1, 2.2   2.3   2.4   2.5   2.6   2.7   2.8   2.9   1.5   1.1, 1.2   2.3   2.3   2.4   2.5   2.6   2.7   2.8   2.9   1.5   2.1, 2.2   2.3   2.3   2.4   2.5   2.6   2.7   2.8   2.9   2.5   2.6   2.7   2.8   2.9   2.0   2.4   2.5   2.6   2.7   2.5   2.5   2.6   2.7   2.5   2.5   2.5   2.6   2.7   2.5		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
BEGINS									
1.1, 1.2	SEP								
SEP   30			1314	1.5	21 22	23			1
OCT	SEP		1.5, 1.4				5	6	
CCT					Review			-	
OCT	OCT	2.4	2.1	21.22	Ovice #1	2.2		Drop (without a W)	2
OCT							12	13	
A.1, 4.2	OCT								
OCT   14		41.40	42.42	4.0		. 1			3
CCT							19	20	
COCT   Solutions   Solutions	OCT	14	13	10	17	10	1)	20	
COCT   Solutions   Solutions									4
OCT         Solutions         6.5         6.6         7.1         7.2         5           OCT / NOV         28         29         30         Review         31 Review         1 2 3 6 6           NOV / 7.3         7.4         7.5         Quiz #2         7.6         9         10           NOV / 7.7         8.1         8.2         8.3         8.4         15 16         17           NOV / SDAY NO CLASSES         8.5         Review         Exam #2         9.1         22         23         24           NOV / DEC         25         26         27 Review         THANKSGIVING NO CLASSES NO CLASSES         NO CLASSES         30         1           DEC         10.2         10.3         Quiz #3         4         5         6         7         8           DEC         9 Inal Exam 9:10 No CLASSES         10         11         11         12         11         12         11         11         12         11         11         12         11         12         11         12         12         12         13         14         15         15         12         12         12         13         14         15         12         12         12							26	27	
Solutions   6.5   6.6   7.1   7.2   3   5	ОСТ	21	22	23	24	25	20	21	
OCT									5
NOV   7.3   7.4   7.5   Quiz #2   7.6     6   6	O CITE								
NOV 7.3		28	29	30		1	2	3	
NOV	NOV				KC VIC W				6
NOV									
Total	NOV	4	5	6	7	8	9	10	
Total Column	NUV								7
NOV   NO CLASSES   S.5   Review   Exam #2   9.1   22   23   24   25   26   27   28   29   30   1   10.2   10.3   Quiz #3   24   25   26   27   28   29   30   1   10.2   10.3   Quiz #3   10.4   11.1   11.2   11.3   11.3   11.3   12   13   14   15   12   15   12   15   12   15   12   15   12   15   12   15   12   15   15		7.7			8.3	8.4			
DAY   NO CLASSES   8.5   Review   Exam#2   9.1   22   23   24   NOV   Solutions   9.2   9.3   9.4   10.1   9   9   10.1   11.2   11.3   12   13   14   15   12   12   13   14   15   12   12   13   14   15   12   12   12   13   14   15   12   12   13   14   15   12   12   13   14   15   12   12   13   14   15   12   12   12   13   14   15   12   12   13   14   15   15   15   15   16   16   16   16	NOT		12	13	14		16	17	
NO CLASSES   8.5   Review   Exam#2   9.1	NOV					Last Day to Drop with a W			8
NOV			8.5	Review	Exam #2	9.1			
Solutions   9.2   9.3   9.4   10.1   9		18	19	20	21	22	23	24	
Solutions   9.2   9.3   9.4   10.1     10.1	NOV								0
NOV / DEC         25   26   Review         27   Review         28   THANKSGIVING NO CLASSES         29   30   11   10   10   10   10   10   10		Solutions	9.2	9.3	9.4	10.1			,
DEC         10.2         10.3         Quiz #3         NO CLASSES         NO CLASSES         NO CLASSES         10           DEC         2         3         4         5         6         7         8         11           10.4         11.1         11.2         11.3         Review         11         15         15           DEC         9 Final Exam 9:15am-11:15am         11         12         13         14         15         12	NOV			27			30	1	
DEC 10.2 10.3 Quiz #3				Review					10
DEC 10.4 11.1 11.2 11.3 Review 11  DEC 9 10 10 11 12 13 14 15  DEC 9 9:15am-11:15am 12 12 13 14 15	DEC	10.2	10.3	Ouiz #3	NO CLASSES	NO CLASSES			10
DEC     9:15am-11:15am         10.4     11.1     11.2     11.3     Review     11       11.3     12     13     14     15       12     12					5	6	7	8	
DEC     9 10 10 11 12 11.3       Pinal Exam 9:15am-11:15am     11.3	DEC								
DEC 9 Final Exam 9:15am-11:15am 11 12 13 14 15 12 12		10.4	11 1	11.2	11 3	Review			11
DEC Final Exam 9:15am-11:15am 12						13	14	15	
	DEC		Final Exam						
			9:15am-11:15am						12
L/ weeks, 53 days of instruction							12 weeks, 53 days of instru	ction	

## **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—7.7.5

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:

M	10:30 AM	11:30 AM	In-Person	S-16A
W	10:30 AM	11:30 AM	In-Person	S-16A
М	01:30 PM	02:30 PM	Canvas	
М	01:30 PM	02:30 PM	Canvas	
Т	11:30 AM	12:30 PM	Canvas	
W	01:30 PM	02:30 PM	Canvas	
М	10:30 AM	11:30 AM	In-Person	S-16A