Math 11-09Y **Fall, 2023**

SYLLABUS

Instructor: Dr. Kejian Shi
email: shikejian@fhda.edu
Office Hours: Thursdays, 9:30am-10:30am, S16-A

Prerequisites: Math 114 (with a grade of C or better), or equivalent
Textbook: *APPLIED FINITE MATHEMATICS*, 3nd 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 Fridy, 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. **(It is the students' responsibility to drop the class 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) are **proctored quizzes** and will be given in the classroom on quiz days. 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) are **proctored exams** and will be given in the classroom on midterm exam days. 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** is a **proctored exam** and will be given in the classroom from **11:30am-1:30pm** on **Monday, December 11, 2023**. Anyone 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

Quizzes	100
Midterms	200
Final Exam	200
Total	500

Scale

Grade	Points	Percentage
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%
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%
D-	273-287	55%-57%
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 Review Quiz #1	6 3.2	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 Review	19 Exam #1	20 6.4	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 Review Quiz #2	3 7.6	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 Review	16 Exam #2	17 Last Day to Drop / W 9.1	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 Review Quiz #3	1 10.3	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 11:30am-1:30pm	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	