

## 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:** 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 time 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 **6:00pm-7:00pm** on the quiz day. 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 **6:00pm-8:00pm** on the midterm exam day. No makeup tests. The lowest midterm score will be replaced by the percentage of the final exam if the final percentage is higher.

**Final Exam:** **One comprehensive examination** will be given from **6:00pm-9:00pm** on **Monday, June 21, 2021**. 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.

<b>Grading:</b>	<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 11-51 Tentative Schedule:**

	MON	TUE	WED	THUR	FRI	SAT	SUN	Wk
APL	5 <b>1.1, 1.2</b>	6 <b>1.3, 1.4</b>	7 <b>1.5</b>	8 <b>2.1, 2.2</b>	9 <b>2.3</b>	10	11	1
APL	12 <b>2.4</b>	13 <b>3.1</b>	14 <b>3.1, 3.2</b>	15 <b>3.2</b>	16 <b>Quiz #1</b>	17 Last day to add	18 Last day to drop with no record	2
APL	19 <b>Solution 4.1, 4.2</b>	20 <b>4.2, 4.3</b>	21 <b>4.3</b>	22 <b>5.1, 5.2</b>	23 <b>5.3, 5.4</b>	24	25	3
APL / MAY	26 <b>5.5</b>	27 <b>6.1</b>	28 <b>6.2</b>	29 <b>Review</b>	30 Request P/NP <b>Exam #1</b>	1	2	4
MAY	3 <b>Solution</b>	4 <b>6.3</b>	5 <b>6.4</b>	6 <b>6.5</b>	7 <b>6.6</b>	8	9	5
MAY	10 <b>7.1</b>	11 <b>7.2</b>	12 <b>7.3</b>	13 <b>7.4</b>	14 <b>Quiz #2</b>	15	16	6
MAY	17 <b>Solution 7.5</b>	18 <b>7.6</b>	19 <b>7.7</b>	20 <b>8.1</b>	21 <b>8.2</b>	22	23	7
MAY	24 <b>8.3</b>	25 <b>8.4</b>	26 <b>8.5</b>	27 <b>Review</b>	28 Drop with "W" <b>Exam #2</b>	29	30	8
MAY / JUN	31 Memorial Day <b>HOLIDAY</b>	1 <b>Solution</b>	2 <b>9.1</b>	3 <b>9.2</b>	4 <b>9.3</b>	5	6	9
JUN	7 <b>9.4</b>	8 <b>10.1</b>	9 <b>10.2</b>	10 <b>10.3</b>	11 <b>Quiz #3</b>	12	13	10
JUN	14 <b>Solution 10.4</b>	15 <b>11.1</b>	16 <b>11.2</b>	17 <b>11.3</b>	18 <b>Review</b>	19	20	11
JUN	21 <b>Final Exam 6:00pm-9:00</b>	22	23	24	25	26	27	12
JUN / JUL	28 <b>SUMMER BEGINS</b>	29	30	1	2	3	4	1

### **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.