MTWThF

SYLLABUS

Instructor: e-mail: Office Hour:	Dr. Kejian Shi shikejian@fhda.edu Tuesday, 10:00am-11:00am virtual office hour via zoom on canvas								
Prerequisites: Textbook: Materials:	MATH 32 or MATH 32H (with a grade of C or better) or equivalent, and CIS 22A or CIS 35A (with a grade of C or better) or equivalent. <i>Discrete Mathematics</i> , Brief Edition, by Susanna S. Epp A scientific calculator recommended								
Attendance:	This class is an online asynchronous class . My daily lecture videos will be posted on the Canvas. Students are expected to watch and study the videos daily. Different people can watch at different times during the day. The videos can be watched multiple times. Questions will be answered during office hours or 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:	<u>Three</u> Quizzes (33, 33, and 34 points) will be given from 8:00pm-9:00pm on the quiz day. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.								
Midterms:	midterm exam		for extenuati		3:00pm-10:00pm on the es assuming the student				
Final Exam:		nsive examination will be nt missing the final will re	-		on Tuesday, March 28,				
Integrity:	Any types of che	eating are not tolerated. Co	orresponding sc	chool rules will b	be followed.				
Grading:	Distribution		Scale						
	Quizzes	100	Grade A+ A- B+	Points 473-500 448-472 438-447 423-437	Percentage 95%-100% 90%-94% 88%-89% 85%-87%				
	Midterms	200	B B- C+ C	398-422 388-397 373-387 323-372	80%-84% 78%-79% 75%-77% 65%-74%				
	Final Exam	200	D+ D D-	298-322 288-297 273-287	60%-64% 58%-59% 55%-57%				
	Total	500	D- F	0-272	0%-54%				

Math 22-60Z Tentative Schedule (Winter 2023)

	MONDAY	TUESDA	\mathbf{v}_{-}	WEDNESD	۸V	THURSDAY	FRIDAY	SATURDAY	SUNDAY	J
lan	MONDA I 9	TUESDA	10	WEDNESD	A 1 11	110KSDA 1 12	13	5ATUKDA1 14	15 SUNDA 1	
an	INSTRUCTION		10		11	12	13	14	15	
	BEGINS									
	1.1, 1.2, 1.3	2.1		2.2		2.3	3.1			
an	16		17		18	19	20	21	22	
	M L K Holiday						Quiz #1	Last Day to Add	Last Day to Drop without a W	
	(No class)	3.2		3.3		3.4	8:00pm-9:00pm		without a W	
an	23		24		25	26	27	28	29	
	Census Day									
	4.1	4.2		4.3		4.4	4.5			
an	4.1	4.2	31	4.3	1	4.4	4.5	4	5	
/										
eb							Exam #1			
a h	4.6	5.1	7	5.2	8	Review	8:00pm-10:00pm 10	11	12	
eb	0				ð	9	10	11	12	
	Solutions	5.3		5.4		5.5	5.6			
eb	13		14		15	16		18	19	
						Quiz #2	Lincoln's B-Day Holday	President's Weel	kond	
	6.1	6.2		6.3		8:00pm-9:00pm				
eb	20		21		22	23	24	25	26	
	Washington's B-day									
	Holiday	6.4		7.1		7.2	7.3			
eb	27		28	/.1	1	2		4	5	
/						1	Last day: drop with a W	7		
rch		0.1				. .	Exam #2			
rch	7.4 6	8.1	7	8.2	8	Review 9	8:00pm-10:00pm 10	11	12	
iren	U				0	,	10	11	12	
	Solutions	8.3		8.5	4.5	9.1	9.2			
irch	13		14		15	16	17	18	19	
							Ouiz #3			
	9.3	9.4		9.5		9.6	8:00pm-9:00pm			
irch	20		21		22	23	24	25	26	
	10.1	10.2		10.3		10.4	Review			
irch	27		28		29	30	31	1	2	
/										
pril		Final Exa 8:00pm-11:0								

Sections	Problems (Epp, Brief Ed.)						
1.1	1, 2, 3,, 13.						
1.2	1, 2, 3,, 12.						
1.3	2, 4, 6,, 20.						
2.1	2 - 5, 8, 9, 13 - 17, 22, 26, 28, 31, 33, 35, 42 - 44, 46.						
2.2	2, 4, 8, 10, 13, 14b, 17, 18, 20, 22, 25, 27, 33, 35, 38, 41, 43, 44, 46.						
2.3	2, 4, 11, 12b, 20, 21, 23, 28, 29, 31, 32, 36, 38, 40, 42.						
3.1	4, 6, 7, 9, 10, 15, 16, 18, 23, 24, 28, 32.						
3.2	3, 5, 8, 10, 12, 19, 21, 23, 29, 31, 33, 38, 40, 44, 47.						
3.3	11, 14, 16, 17, 19, 23, 30, 35, 36, 41, 43, 44.						
3.4	4, 6, 11, 12, 14, 15, 17, 19, 22, 24, 26.						
4.1	5, 12, 30, 32, 36, 41, 42, 46, 52, 53, 57, 58.						
4.2	5, 14, 19, 23, 26, 28, 30.						
4.3	3, 5, 13, 18, 23, 24, 26, 28, 36, 37, 41, 46, 49.						
4.4	2, 4, 8, 9, 15, 19, 22, 25,30, 37, 38, 43.						
4.5	7, 10, 15, 17, 20, 24, 29, 33, 34c.						
4.6	2, 4, 8, 10 11, 15,23, 28, 33.						
5.1	2, 4, 9, 11, 17, 29, 31, 43, 47, 49, 52, 53, 55, 59, 61, 63, 65, 68, 72.						
5.2	4, 7, 9, 12, 16, 17, 18, 23, 27, 32.						
5.3	2, 3, 7, 9, 15, 17, 20, 25, 29.						
5.4	1, 3, 5, 7, 9, 15, 17, 18.						
5.5	2, 4, 8, 12, 14, 16, 19, 22, 26, 32.						
5.6	4, 7, 8, 13, 20, 23, 25, 33, 38, 52.						
6.1	3, 6, 8, 9, 12, 14, 17, 18, 20,23, 27, 30, 33.						
6.2	2, 7, 9, 14, 19, 21, 23b, 26, 31, 35, 39.						
6.3	2, 8, 13, 16, 19, 20, 32, 35, 43.						
6.4	2, 3, 5, 9, 11aii, 11aiii, 11av, 11b.						
7.1	2, 4, 10, 12, 22, 23, 27, 35, 37, 39, 42.						
7.2	2, 5, 7, 9, 11, 16, 17, 20, 23, 30, 33, 37.						
7.3	2, 4, 7, 10, 11, 17, 19, 22, 24, 25.						
7.4	3, 4, 8, 9, 11, 15, 17, 18, 22, 27, 34.						
8.1	3, 5, 7, 8, 17, 18, 20 21.						
8.2	2, 10, 13, 17, 19, 21, 21, 26, 30, 38, 42.						
8.3	2, 4, 6, 9, 10,13, 14, 17, 19, 24, 40.						
8.5	2, 4, 6, 8, 10, 12, 14.						
9.1	4, 6, 8, 10, 13, 14, 16, 19, 21, 22, 24, 26.						
9.2	5, 11, 14, 15, 18, 21, 22, 24, 26, 27, 30, 33, 36.						
9.3	6, 11, 20, 23, 25, 29, 32, 35.						
9.4	2, 4, 8, 13, 16, 19, 23, 25, 28, 30, 31, 36.						
9.5	4, 5, 7, 10, 12, 14, 17, 20, 22, 24, 25, 26a-d, 28, 30.						
9.6	5, 9, 11, 14, 16, 17, 30, 34, 37, 44, 49, 54.						
10.1	4, 6, 9, 16, 19, 22, 26c, 27, 33, 37, 39, 40, 44.						
10.2	2, 5, 6, 8, 13, 15, 20, 22, 29, 30, 32, 33, 47.						
10.3	3, 7, 15, 17, 19, 23, 26, 29.						
10.4	2, 3, 5, 7, 11, 14, 17, 19, 20.						

Student Learning Outcome(s):

*Critique a mathematical statement for its truth value, defend choice by formulating a mathematical proof or constructing a counterexample.

*Analyze and apply patterns of discrete mathematical structures to demonstrate mathematical thinking.

Office Hours:

M,T,W,TH 10:00 AM 11:00 AM Zoom