COURSE: Math 32-53Z CRN 36860 **QUARTER:** Winter 2022
Asynchronous online **INSTRUCTOR**: Millia Ison
EMAIL: **isonmillia@fhda.edu** **OFFICE PHONE**: 864-5659
OFFICE HOUR : **OFFICE HOUR**: on Zoom: Mon - Thu. 3-3:50 pm
Office hour link: Join URL: https://fhda-edu.zoom.us/j/94279799616 Meeting ID: 942 7979 9616

COURSE PREREQUISITES: Math 31, or equivalent course with a grade "C" or better.
TEXT: Site license for ALEKS. Here is the link to purchase:
http://shop.mcgraw-hill.com/mhshop/productDetails?isbn=007783996X
About $50. **COURSE CODE: C6MAD-F9HXW**
Homework, quizzes and all exams are on ALEKS.

EQUIPMENT: Laptop or a computer is required.
GRADING:

Homework ----160 points	A: 93% - 96 % , 465 - 500 pts	C+: 76% - 79 % , 380 - 399 pts
Quizzes ----------80 points	A– : 90% - 92 % , 450 - 464 pts	C: 70 % - 75 %, 350 - 379 pts
3 midterms --- 150 points	B+: 87% - 89 % , 435 - 449 pts	D: 60 % - 69 %, 300 - 349 pts
Final exam ---- 110 points	B: 83% - 86 % , 415 - 434 pts	F: 0 % - 59 %, 0 - 299 pts
Total ---------- 500 points	B –: 80% - 82 % , 400 - 414 pts	

HOMEWORK POINTS: You need to do your homework on a regular bases. Homework is On ALEKS. Begin with "Start My Path", You will learn a topic then practice problem. Doing these homework is your homework. Total 120 topics for the quarter and Finish all topics will earn 160 points as full credit for the homework. Due day for all homework problems is March 22, 11:59 pm. **No Extension under any circumstances.**

QUIZZES: 5 points each. 2 quizzes each week (1 quiz if a week has exam), due Sundays 11:59 pm, available 1 week before due. **NO EXTENSION under any circumstances**. If the deadline is missed, you get 0 for the quiz. There are 18 quizzes this quarter. 2 lowest scores will be dropped.

EXAM POINTS: 50 points each. Dates listed on the calendar next page. **No make-up midterm exams.** 0 point for missed exam. For unusual circumstances, you must contact me on or before the exam time, then the percentage of your final exam score multiply by 50 will replace the exam score.

FINAL EXAM: 110 points Monday, March 21, 6:15 – 8:15 pm
Fail to take the final exam, you will receive "F" for your grade.
Exams are to test your understanding of the homework assignments. **Cheating of any form on midterm exams or final exam will be grounds for disciplinary action.**

IMPORTANT DATES: Monday, Jan. 17 --- Last day to drop without grade on your record.
Friday, Feb. 25 --- Last day to drop with a "W".

Student is responsible to withdraw from the class. The last day for you to withdraw is Feb. 25**.** After that day, you will receive a grade.

ALEKS Website **Math 32-53Z Winter 2022 Calendar** **online**

Modules	Topics
Mod 1	Right Triangle Trigonometry
Mod 2	Trigonometric Functions and Graphs
Mod 3	Inverse Trigonometry Functions
Mod 4	Trig Identities and Equations
Mod 5	The laws of sin and cos, and Vectors
Mod 6	Polar Coordinates

The course material is online. Once you have purchased the web site license, together with the class code, listed on the previous page, you will be able to access the topics and to do homework (modules).
Due day for all homework problems is Tuesday, 3/ 22,11:59 pm.

Learn and do homework on regular basis.
No Extension under any circumstances.

There are total of 120 topics of the 6 modules. The ALEKS pie divides the 6 modules into 5 slices. Once you complete the pie, then you finish all the homework.

Click on "Review", you can see all the homework topics you have finished. You have earned the credits for these problems. You can practice again here to review. No point will be lost if you get wrong answers.

	Monday	Tuesday	Wednesday	Thursday	Friday
Jan Wk1	3	4	5	6	7
	Mod 1: Do topics in Mod 1. Complete quiz 1 and quiz 2				
Jan Wk2	10	11	12	13	14
	Mod 2: Do related topics in Mod 2. Complete quiz 3 and quiz 4				
Jan Wk3	17 MLKing's Birthday	18	19	20	21
		Do related topics in Mod 2. Complete quiz 5.			
Jan Wk4	24 Exam 1: Mod 1 & 2 6 – 7pm	25	26	27	28
		Mod 3: Do related topics in Mod 3. Complete quiz 6			
Feb Mar Wk5	31	1	2	3	4
	Continue Mod 3, work on Mod 4 topics. Complete quiz 7 and quiz 8				
Feb Wk6	7	8	9	10	11
	Mod 4: Work on Mod 4 topics. Complete quiz 9 and quiz 10.				
Feb Wk7	14 Exam 2: Mod 3 & 4 6 – 7pm	15	16	17	18
		Cont. Mod 4 topics. Complete quiz 11			Lincoln Birthday
Feb Wk8	21 Washington Birthday	22	23	24	25
		Work on Mod 5 topics. Complete quiz 12 and quiz 13 last day to drop with W: Friday, 2/26			
Mar Wk9	28	1	2	3	4
	Do Mod 5 and 6 related topics. Complete quiz 14 and quiz 15				
Mar Wk10	7 Exam 3: Mod 5 & 6 6 – 7pm	8	9	10	11
		Continue Mod 6 topics. Complete quiz 16			
Mar Wk11	14	15	16	17	18
	Do mod 6 topics. Complete quiz 17, quiz 18 and if-then Statement quiz				
Mar Wk12	21 Final 6:15– 8:15p	22 Homework due:11:59p	23	24	25

Student Learning Outcome(s):

* Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.