

COURSE: Math 32-21Z CRN 36864 **QUARTER:** Winter 2021
M 1:30 – 3:45 pm **INSTRUCTOR:** Millia Ison
EMAIL: isonmillia@fhda.edu **OFFICE PHONE:** 864-5659

OFFICE HOUR : MWTuTh, 12:00 -1:00 pm online.

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: 96Y4D-L9RKG**

Homework and quizzes 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
2 Exam Reviews--60 points	B+: 87% - 89 % , 435 - 449 pts	D: 60 % - 69 % , 300 - 349 pts
2 midterms --- 100 points	B: 83% - 86 % , 415 - 434 pts	F: 0 % - 59 % , 0 - 299 pts
Final exam ---- 100 points	B-: 80% - 82 % , 400 - 414 pts	
Total ----- 500 points		

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 119 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.

EXAMS: 50 points each. **No make-up midterm exams.** 0 point for missed exam. For unusual circumstances, the percentage of your final exam score multiply by 50 will replace the exam score.

Exam 1: Feb. 1, Monday 1:30 – 3:00 pm.

Exam 2: Mar. 8, Monday 1:30 – 3:00 pm.

FINAL EXAM: 100 points **Monday, March 22, 1:30 – 3:30 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: Sunday, Jan. 17 --- Last day to drop without grade on your record.

Friday, Feb. 26 --- Last day to drop with a "W".

Student is responsible to withdraw from the class. The last day for you to withdraw is Feb. 26. After that day, you will receive a grade.

ALEKS Website

Math 32-21Z Winter 2021 Calendar

Modules	Topics		Monday	Tuesday	Wednesday	Thursday	Friday	
Mod 1	Right Triangle Trigonometry	Jan	4	5	6	7	8	
Mod 2	Trigonometric Functions and Graphs	Wk1	Mod 1	Do topics in Mod 1. Complete quiz 1 and quiz 2				
Mod 3	Inverse Trigonometry Functions	Jan	11	12	13	14	15	
Mod 4	Trig Identities and Equations	Wk2	Mod 2	Do related topics in Mod 2. Complete quiz 3 and quiz 4				
Mod 5	The laws of sin and cos, and Vectors	Jan	18	19	20	21	22	
Mod 6	Polar Coordinates	Wk3	MLKing's Birthday	Do related topics in Mod 2. Complete quiz 5.				
<p>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 Monday, 3/ 22, 11:59 pm.</p> <p>Learn and do homework on regular basis. No Extension under any circumstances.</p> <p>There are total of 119 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.</p> <p>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.</p>		Jan	25	26	27	28	29	
		Wk4	Mod 3 Mod 4	Do related topics in Mod 3 and 4. Complete quiz 6 and quiz 7				
		Feb	1	2	3	4	5	
		Wk5	Exam 1 1:30-3 pm	Continue work on Mod 4 topics. Complete quiz 8				
		Feb	8	9	10	11	12	
		Wk6	Mod 4 Mod 5	Work on Mod 4 topics. Complete quiz 9 and quiz 10				Lincoln Birthday
		Feb	15	16	17	18	19	
		Wk7	Washington Birthday	Continue work on Mod 5 topics. Complete quiz 11				
		Feb	22	23	24	25	26	
		Wk8	Mod 5	Work on Mod 5 topics. Complete quiz 12 and quiz 13 last day to drop with W: Friday, 2/26				
		Mar	1	2	3	4	5	
		Wk9	Mod 5 Mod 6	Do Mod 5 and 6 related topics. Complete quiz 14 and quiz 15				
Mar	8	9	10	11	12			
Wk10	Exam 2 1:30-3 pm	Continue Mod 6 topics. Complete quiz 16						
Mar	15	16	17	18	19			
Wk11	Mod 6	Do mod 6 topics. Complete quiz 17 and quiz 18						
Mar	22	23	24	25	26			
Wk12	Final 1:30 – 3:30p							

Student Learning Outcome(s):

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