

INTRODUCTION:

Welcome to Trigonometry class. I am Millia Ison. I have been teaching at DeAnza College for 30 years. I plan to work with you closely to help you to succeed. In this course, you will use your algebra skills to learn Trigonometry and related materials, and solve interesting application problems.

You will need to spent **at least 25 hours a week** to study the material, do homework and quizzes. Homework and quizzes are on website ALEKS.com. Here is the link to purchase:

<https://www.mheducation.com/highered/custom/product/007783996X.html>

Price is about \$50. **COURSE CODE: R6XKM-JYU6E** Please refer to “Sign Up ALEKS.pdf” on Canvas for further details

Homework: You must follow ALEKS “My Path” to learn topics. Read the content on Canvas first so that you understand the concept before you do homework. If you can answer correctly 3 times in a row, then you have learned the topic. Credit is earned and the topic is moved into “Review” category. You will notice that some topics are locked. This is because you need to learn some available topics before you can understand the locked topics. Please follow the weekly plan on Canvas so that you can do homework and quizzes. If you do not do homework regularly, more and more topics will be blocked, and you will have trouble with quizzes and exams. **All homework Due on Tuesday March 22, 11:59 pm**

Quizzes: You have quiz twice a week. Quiz will be available on Monday 8 am, and due Sunday (of the same week) 11:59 pm. You have 3 tries to improve your score. Problems you do incorrectly the first time, you can correct them on the 2nd or 3rd try. If you get 100% on the 1st try of a quiz, then you have finished the quiz. Once you start, you have 30 minutes to finish. **NO EXTENSION.**

Exams and Final: There is an exam review for each exam, under “Assignment”. Problems on each exams are similar to the problems on each exam reviews. Practice questions on the review will help you to do well on the exams. All exam reviews and the Final Exam Review are optional, not part of the grade.

Students with disability-related need for academic accommodations or services, please contact Disability Support Services (DSS) 408 864 8753 or Educational Diagnostic Center (EDC) 408 864 8839. The Center will inform me your situation. You may take exams at EDC, but you must schedule with EDC Wednesday or Thursday of the official exam week. You need to schedule one week ahead the exam day

Need Help?

1. Tutoring is available both on-campus and online. See <http://deanza.edu/studentsuccess/mstrc/>
2. Post questions in the Discussion section in Canvas
3. Email me at isonmillia@deanza.edu
4. Form an online study group with other students in the class.
5. Follow the “NetTutor” on the navigation in Canvas.

COURSE: Math 32-23Z CRN 36865 **QUARTER:** Winter 2021
MW: 4 – 6:15 pm, online **INSTRUCTOR:** Millia Ison
Zoom : <https://fhda-edu.zoom.us/j/93970960881> **EMAIL:** isonmillia@fhda.edu
OFFICE PHONE: 864-5659
OFFICE HOUR : **OFFICE HOUR:** on Zoom: Mon - Thu. 3-3:50 pm
Office hour link: <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: R6XKM-JYU6E**

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 **Wednesday, March 23, 4 – 6 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 32-23Z Winter 2022 Calendar

MW 4-6 pm

Modules	Topics		Monday	Tuesday	Wednesday	Thursday	Friday
Mod 1	Right Triangle Trigonometry	Jan	3	4	5	6	7
Mod 2	Trigonometric Functions and Graphs	Wk1	Mod 1 quiz 1		Mod 1 quiz 2		
Mod 3	Inverse Trigonometry Functions	Jan	10	11	12	13	14
Mod 4	Trig Identities and Equations	Wk2	Mod 2 quiz 3		Mod 2 quiz 4		
Mod 5	The laws of sin and cos, and Vectors	Jan	17	18	19	20	21
Mod 6	Polar Coordinates	Wk3	MLKing's Birthday		Mod 2 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 Tuesday, 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 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.</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	24	25	26	27	28
		Wk4	Exam 1: Mod 1 & 2 5 – 6pm		Mod 3 quiz 6		
		Feb	31	1	2	3	4
		Mar	Mod 4 quiz 7		Mod 4 quiz 8		
		Feb	7	8	9	10	11
		Wk6	Mod 4 quiz 9		Mod 4, 5 quiz 10		
		Feb	14	15	16	17	18
		Wk7	Exam 2: Mod 3 & 4 5 – 6pm		Mod 5 quiz 11		Lincoln Birthday
		Feb	21	22	23	24	25
		Wk8	Washington Birthday		Mod 5 quiz 12 & 13		last day to drop with W
		Mar	28	1	2	3	4
		Wk9	Mod 5 quiz 14		Mod 6 quiz 15		
Mar	7	8	9	10	11		
Wk10	Exam 3: Mod 5 & 6 5 – 6pm		Mod 6 quiz 16				
Mar	14	15	16	17	18		
Wk11	Mod 6 quiz 17		Mod 6 quiz 18 & 19				
Mar	21	22	23	24	25		
Wk12		Homework due:11:59p	Final 4-6 p				

Student Learning Outcome(s):

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