MAC 1114: College Trigonometry
Fall 2024 Syllabus

Course Information	**Modality**	**Meet Times**		**Classroom**	**CRN**
	Face-to-Face	Tue/Thu, 1000 - 1115		Building 3 Room 239	13432
Instructor Information	**Professor**	**E-Mail**		**Phone**	**Office**
	Dr. Jonathan Stevens	jstevens41@valenciacollege.edu		407-582-4120	Building 1 Room 209
Office Hours	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
	0700 - 0800 1145 - 1245 1430 - 1500	0715 - 0815 1300 - 1430	0700 - 0800 1145 - 1245 1430 - 1500	0715 - 0815 1300 - 1430	0700 - 0800

Course Description

- Course based on the study of topics that include a symbolic, graphical, and numerical analysis of trigonometric functions, solutions of plane triangles and vectors. Students will apply definitions of the trigonometric functions, solve triangles, analyze trigonometric functions, and solve trigonometric equations.

Required Material

- Notebook and pen/pencil
- TI-84 calculator

Grade Calculation

- This course is based on a 100-point scale. Your points will be calculated as follows:

Module	Sections	Module Test
Module 1	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7	20 points
Module 2	2.1, 2.2, 2.3, 2.4	20 points
Module 3	3.1, 3.2, 3.3, 3.4	20 points
Module 4	4.1, 4.2, 4.3, 4.4	20 points
Module 5	5.1, 5.2, 5.3, 5.4	20 points
Total Possible Points		**100 points**

- Your final grade for the course is based upon the number of points earned:

A	B	C	D	F
90 - 100 points	80 - 89 points	70 - 79 points	60 - 69 points	0 - 59 points

Lectures

- It is imperative that students attend all lectures.
- Lectures serve as the foundation for the assigned HW, test reviews and tests.

Homework (HW)

- Ungraded homework assignments will be assigned for each section and are found in the lecture notes.
- HW assignments reinforce what was learned in class and serve as invaluable practice opportunities.

Extra Credit (Test Reviews)

- For each test, there is a test review worth 1 extra credit point. There are 5 extra credit points available.
- Test reviews are closely correlated with each test. It is wise to complete these optional assignments.
- Students must print, complete, and turn in their test review on time to receive extra credit.
- **Unprinted, incomplete, or late test reviews will not be accepted. All work must be shown.**

Tests

- There are four tests and a final exam for this course. All tests are conducted in class.
- **Each module's test is worth 20 points. Take your percent correct on the test and multiply by 20.**

Final Exam

- The final exam will be conducted during regular class hours on the day listed in the course schedule.
- The final exam will only cover the last module and is not cumulative.

Attendance

- Attendance will be taken every class. Students are required to attend class to learn the material.
- **Students are allowed 3 absences. For each absence after that, their final grade will be reduced by 5 points.**
- If absent, it is the student's responsibility to determine what material was missed and to learn it.

Calculator

- The TI-84 calculator is required. The TI-84 is the only authorized calculator for class, homework, and tests.
- Rentals are available at the Math Lab (1-144), Depot (4-121), Library (4-202), or Learning Center (3-100).

Canvas

- The course syllabus, lecture notes, homework, test reviews and grades will be posted to Canvas.
- Students are responsible for reading any Canvas e-mail sent by the instructor. Please check Canvas regularly.

Crawl-Walk-Run

- To be successful in this course, students should follow the **Crawl-Walk-Run** learning model:
  - **Crawl**: students attend class, arrive on time, and are prepared to learn before class starts.
  - **Walk**: students actively participate and actively learn during class.
  - **Run**: students work efficiently after class by studying their notes, re-working the in-class problems, completing the HW assignments and repeatedly completing the test review.

Conduct

- Please be courteous and do not disrupt class. The instructor will dismiss a student disrupting class.
- Students are required to be on time. **If late, quietly enter the classroom and sit at the first available desk.**
- To minimize distractions and maximize learning, **cellphones are not permitted in class**.
- E-mail is for administrative purposes, not for math questions. **All math questions will be answered face-to-face**.
- **Students found cheating, in any manner, will receive a final grade of F and be permanently dismissed.**

Make-Up Policy

- **There are no make-up tests nor test retakes. Students who miss a test will receive a test score of zero.**
- **In the event of a valid and documented emergency, the instructor may approve a make-up test.**

Miscellaneous	• There are no faculty-withdrawals at Valencia College. The self-withdrawal deadline is **October 25**. • Students with an OSD accommodation letter must see the professor to discuss course testing procedures. • This syllabus may change. Students will be notified of changes and provided a revised syllabus in Canvas.			
Course Schedule	**Date**	**Class**	**Activity**	**Homework (HW)**
	20-Aug	1	Syllabus Review, 1.1 Lecture	Test Review #1 Posted, 1.1 HW
	22-Aug	2	1.2 Lecture	1.2 HW
	27-Aug	3	1.3 Lecture	1.3 HW
	29-Aug	4	1.4 Lecture	1.4 HW
	3-Sep	5	1.5 Lecture	1.5 HW
	5-Sep	6	1.6 Lecture	1.6 HW
	10-Sep	7	1.7 Lecture, Test Protocol	1.7 HW, Study for Test #1
	12-Sep	8	Test #1	NLT 1000: Test Review #1 Due
	17-Sep	9	Test #1 Feedback, 2.1 Lecture	Test Review #2 Posted, 2.1 HW
	19-Sep	10	2.2 Lecture	2.2 HW
	24-Sep	11	2.3 Lecture	2.3 HW
	26-Sep	12	2.4 Lecture	2.4 HW, Study for Test #2
	1-Oct	13	Test #2	NLT 1000: Test Review #2 Due
	3-Oct	14	Test #2 Feedback, 3.1 Lecture	Test Review #3 Posted, 3.1 HW
	8-Oct	15	3.2 Lecture	3.2 HW
	10-Oct	16	3.3 Lecture	3.3 HW
	15-Oct	17	3.4 Lecture	3.4 HW, Study for Test #3
	17-Oct	18	Test #3	NLT 1000: Test Review #3 Due
	22-Oct	19	Test #3 Feedback, 4.1 Lecture	Test Review #4 Posted, 4.1 HW
	24-Oct	20	4.2 Lecture	4.2 HW
	29-Oct	21	4.3 Lecture	4.3 HW
	31-Oct	22	4.4 Lecture	4.4 HW, Study for Test #4
	5-Nov		Test #4 Preparation Day	Study for Test #4
	7-Nov	23	Test #4	NLT 1000: Test Review #4 Due
	12-Nov	24	Test #4 Feedback, 5.1 Lecture	Test Review #5 Posted, 5.1 HW
	14-Nov	25	5.2 Lecture	5.2 HW
	19-Nov	26	5.3 Lecture	5.3 HW
	21-Nov	27	5.4 Lecture	5.4 HW, Study for Test #5
	26-Nov		Thanksgiving - No Class	
	28-Nov		Thanksgiving - No Class	
	3-Dec	28	Test #5 (Final Exam)	NLT 1000: Test Review #5 Due