

MAC 1114 (College Trigonometry)

Fall 2025 Syllabus

Course Information	Modality Face-to-Face	Meet Days Tue/Thu	Meet Hours 1000 - 1115	Classroom Building 3 Room 239	CRN 13169
Professor Information	Professor Dr. Jonathan Stevens	E-Mail jstevens41	Website FrontDoor	Phone 407-582-4120	Office Building 1 Room 209
Office Hours	Monday 0700 - 0800 1145 - 1245 1430 - 1500	Tuesday 0715 - 0815 1300 - 1430	Wednesday 0700 - 0800 1145 - 1245 1430 - 1500	Thursday 0715 - 0815 1300 - 1430	Friday 0700 - 0800
Course Description	<ul style="list-style-type: none"> Course based on the study of topics that include a symbolic, graphical, and numerical analysis of trigonometric functions, solutions of plane triangles and vectors. 				
Required Material	<ul style="list-style-type: none"> Notebook and pen/pencil TI-84 calculator 				
Grade Calculation	<ul style="list-style-type: none"> The course is based on a 100-point scale: 				
	Module	Sections		Test	Points
	Module #1	1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7		Test #1	20 points
	Module #2	2.1, 2.2, 2.3, 2.4		Test #2	20 points
	Module #3	3.1, 3.2, 3.3, 3.4		Test #3	20 points
	Module #4	4.1, 4.2, 4.3, 4.4		Test #4	20 points
	Module #5	5.1, 5.2, 5.3, 5.4		Test #5	20 points
	Total Possible Points				100 points
<ul style="list-style-type: none"> A student's final course grade is based upon the total points earned: 					
	A	B	C	D	F
	90 - 100 points	80 - 89 points	70 - 79 points	60 - 69 points	0 - 59 points
Lectures	<ul style="list-style-type: none"> It is imperative students attend all lectures. Lectures are the foundation for the homework, test reviews and tests. 				
Homework (HW)	<ul style="list-style-type: none"> Ungraded homework assignments will be assigned for each section and are found in the lecture notes. Homework assignments reinforce what was learned in class and serve as invaluable practice opportunities. 				
Extra Credit (Test Reviews)	<ul style="list-style-type: none"> 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. Test reviews must be printed, complete, and turned in on time to receive extra credit. All work must be shown. 				
Tests	<ul style="list-style-type: none"> There are five tests for the course, all conducted in class. Test #5 is not cumulative and only covers Module #5. Each module's test is worth 20 points. Take the percent correct on the test and multiply by 20. 				
Attendance/Lateness	<ul style="list-style-type: none"> Students are required to attend class, be on time and sign in. Students are responsible for learning missed material. Students are allowed 3 absences. For each absence after that, their final grade will be reduced by 5 points. If late, students should quietly enter the classroom and sit at the first available desk. 				
Calculator	<ul style="list-style-type: none"> The TI-84 calculator is required and 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	<ul style="list-style-type: none"> 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 professor. Please check Canvas regularly. 				
Crawl-Walk-Run	<ul style="list-style-type: none"> To be successful in the course, students should follow the Crawl-Walk-Run learning model: <ul style="list-style-type: none"> Crawl: students attend class, arrive on time, and are prepared to learn <u>before</u> class starts. Walk: students actively participate and actively learn <u>during</u> class. Run: students work efficiently <u>after</u> class by studying their notes, re-working the in-class problems, completing the HW assignments and repeatedly completing the test review. 				
Conduct	<ul style="list-style-type: none"> Please be courteous and do not disrupt class. The professor will dismiss a student disrupting class. Cellphone use is not permitted in class and will result in dismissal, except for calculator and camera applications. 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	<ul style="list-style-type: none"> 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 professor may approve a make-up test. 				
Miscellaneous	<ul style="list-style-type: none"> There are no faculty-withdrawals at Valencia College. The self-withdrawal deadline is October 24. 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)
	19-Aug	1	Syllabus Review, 1.1 Lecture	1.1 HW, Test Review #1 Posted
	21-Aug	2	1.2 Lecture	1.2 HW
	26-Aug	3	1.3 Lecture	1.3 HW
	28-Aug	4	1.4 Lecture	1.4 HW
	2-Sep	5	1.5 Lecture	1.5 HW
	4-Sep	6	1.6 Lecture	1.6 HW
	9-Sep	7	1.7 Lecture, Test Protocol	1.7 HW, Study for Test #1
	11-Sep	8	Test #1	NLT 1000: Test Review #1 Due
	16-Sep	9	Test #1 Feedback, 2.1 Lecture	2.1 HW, Test Review #2 Posted
	18-Sep	10	2.2 Lecture	2.2 HW
	23-Sep	11	2.3 Lecture	2.3 HW
	25-Sep	12	2.4 Lecture	2.4 HW, Study for Test #2
	30-Sep	13	Test #2	NLT 1000: Test Review #2 Due
	2-Oct	14	Test #2 Feedback, 3.1 Lecture	3.1 HW, Test Review #3 Posted
	7-Oct	15	3.2 Lecture	3.2 HW
	9-Oct	16	3.3 Lecture	3.3 HW
	14-Oct	17	3.4 Lecture	3.4 HW, Study for Test #3
	16-Oct	18	Test #3	NLT 1000: Test Review #3 Due
	21-Oct	19	Test #3 Feedback, 4.1 Lecture	4.1 HW, Test Review #4 Posted
	23-Oct	20	4.2 Lecture	4.2 HW
	28-Oct	21	4.3 Lecture	4.3 HW
	30-Oct	22	4.4 Lecture	4.4 HW, Study for Test #4
	4-Nov	23	Test #4	NLT 1000: Test Review #4 Due
	6-Nov	24	Test #4 Feedback, 5.1 Lecture	5.1 HW, Test Review #5 Posted
	11-Nov		Veteran's Day - No Class	
13-Nov	25	5.2 Lecture	5.2 HW	
18-Nov	26	5.3 Lecture	5.3 HW	
20-Nov	27	5.4 Lecture	5.4 HW, Study for Test #5	
25-Nov		Thanksgiving - No Class		
27-Nov		Thanksgiving - No Class		
2-Dec	28	Test #5	NLT 1000: Test Review #5 Due	
4-Dec		Spare Day – No Class		