

TENTATIVE MATH 2412.PH1 COURSE CALENDAR:

WEEK	DATE	MATERIAL TO COVER	COMMENTS/DUE DATES
1	August 27	Introductions, Syllabus, Review	WELCOME! ☺
	August 29	6.1 Angles and Their Measures	Diagnostic Test and Algebra Review assignments are due
2	September 3	6.2 Trigonometric Functions: A Unit Circle Approach	HW 6.1 is due
	September 5	6.3 Properties of Trigonometric Functions; 6.4 Graph of Sine and Cosine Functions	HW 6.2 is due; Census day – September 9
3	September 10	6.5 Graphs of the Tangent, Cotangent, Cosecant, and Secant Functions	Lab 1; HW 6.3 & 6.4 are due
	September 12	6.6 Phase shift; Sinusoidal Fitting; <i>Review for Test 1</i>	Lab 1; HW 6.5 is due
4	September 17	<i>Review for Test 1; Test 1 in class</i>	Lab 1 is due; HW 6.6 is due
	September 19	7.1 The inverse Sine, Cosine, and Tangent Functions; 7.2 The Inverse Trigonometric Functions (Continued)	
5	September 24	7.3 Trigonometric Equations	HW 7.1 & 7.2 are due
	September 26	7.3 Trigonometric Equations; 7.4 Trigonometric Identities	
6	October 1	7.4 Trigonometric Identities; 7.5 Sum and Difference Formulas	Lab 2 Part 1; HW 7.3 is due
	October 3	7.6 Double Angle and Half-Angle Formulas; 7.7 Product-to-Sum and Sum-to Product Formulas; <i>Review for Test 2</i>	Lab 2 Part 2; HW 7.4 & 7.5 are due
7	October 8	<i>Review for Test 2; Test 2 in class</i>	Lab 2 is due; HW 7.6 & 7.7 are due
	October 10	8.1 Right Triangle; 8.2 The Law of Sines	
8	October 15	8.2 The Law of Sines; 8.3 The Law of Cosines	HW 8.1 is due
	October 17	8.3 The Law of Cosines; 8.4 Area of a Triangle	Lab 3 Part 1; HW 8.2 is due; Last day to withdraw – October 18
9	October 22	9.1 Polar Coordinates; 9.2 Polar Equations and Graphs	HW 8.3 & 8.4 are due
	October 24	9.2 Polar Equations and Graphs; <i>Review for Test 3</i>	Lab 3 Part 2; HW 9.1 is due
10	October 29	<i>Review for Test 3; Test 3 in class</i>	Lab 3 is due; HW 9.2 is due
	October 31	9.4 Vectors	
11	November 5	9.5 The Dot Product; 9.6 Vectors in Space	HW 9.4 is due
	November 7	9.7 The Cross Product; 2.1 Functions	Lab 4; HW 9.5 & 9.6 are due

12	November 12	<i>Review for Test 4; Test 4 in class</i>	Lab 4 is due; HW 9.7 & 2.1 are due
	November 14	10.2 The Parabola; 10.3 The Ellipse	
13	November 19	10.3 The Ellipse; 10.4 The Hyperbola	HW 10.2 is due
	November 21	11.3 Determinants; 11.5 Partial Fraction Decomposition	Lab 5; HW 10.3 & 10.4 are due
14	November 26	11.5 Partial Fraction Decomposition; 11.6 Systems of Non-linear Equations	HW 11.3 is due; Lab 5
	November 27- December 1	Thanksgiving break! No classes!	College is closed!
15	December 3	<i>Review for Test 5; Test 5 in class</i>	HW 11.5 & 11.6 are due; Lab 5 is due
	December 5	<i>Review for Final Exam</i>	
16	December 10	Final Exam 10:00 am – 12:00 pm (room J106)	

Note: The instructor reserves the right to make changes to this syllabus during the semester. Changes will be provided in writing during class hours.