

Math 128 – Trigonometry

<http://www.math.wvu.edu/~mays/WvEBTrig/WvEB128.htm>

December 2011						
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
12	13	14	15	16 Pass out syllabus	17	18
19 Section 1.1 - Coordinates, equations	20 Sections 2.1 & 2.3 -Graphs, circles, and symmetry	21 Sections 3.3 & 3.4 - Library of functions	22 ISE Day	23 Christmas Break	24	25 Christmas
26 Christmas Day	27 Christmas Break	28 Christmas Break	29 Christmas Break	30 Christmas Break	31	

January 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 New Year's Day	2 Christmas Break	3 Sections 3.1 & 3.2 - Lab 1 (Functions and graphing)	4 Sections 3.3 & 3.4 - Library of functions	5 Section 7.1 - Angle measure	6 Sections 3.5 & 6.2 - Lab 2 (Transformations and inverse functions)	7
8	9 Take students to computer Lab to open eCampus and complete Lab 1 & 2 WVU Starts	10 Section 7.2 - Right angle trigonometry.	11 Review for Exam 1	12 Review for Exam 1	13 Exam 1 (1.1, 2.1, 2.3, 3.1, 3.2, 3.3, 3.4, 7.1, 3.5, 6.2, 7.2)	14
15	16 No School Martin Luther King Day	17 Sections 7.3 - Values of trig. functions	18 Sections 7.4 - General angles	19 Lab 3 (Graphically solving right triangles)	20 Section 7.5 - The Unit Circle	21
22	23 Section 7.5 - The Unit Circle	24 Section 7.6 - Graphs of sine and cosine	25 Section 7.6 - Graphs of sine and cosine 2 hr. Early Dismissal	26 Lab 4 (Model the capacity of a gutter with trig.)	27	28
29	30	31				

February 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Sections 7.7 - More graphs	2 Sections 7.8 - Sinusoidal graphs	3 Lab 5 (Sine wave Geometry)	4
5	6 Sections 8.1- (Inverse trig. Functions)	7 Review for Exam 2 (7.3 - 7.8)	8 Review for Exam 2 (7.3 - 7.8)	9 Review for Exam 2 (7.3 - 7.8)	10 Take Practice Exam 2	11
12	13 Exam 2 (7.3 - 7.8)	14 Section 8.2 - More Inverse Trig.	15 Lab 6 (graphing and Identities)	16 Section 8.3 - Trig. Identities	17 Section 8.3 - Trig. Identities	18
19	20 ISE Day Presidents' Day	21 Section 8.4 - Sum and difference formulas	22 Section 8.4 - Sum and difference formulas	23 Lab 7 (The Ladder Problem)	24 Section 8.5 - Double angles & Half angles	25
26	27 Section 8.7 - Trig. equations	28 Review for Exam 3 (8.1 - 8.5, 8.7)	29 Review for Exam 3 (8.1 - 8.5, 8.7)			

March 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Take Practice Exam 3	2 Exam 3 (8.1 - 8.5, 8.7)	3
4	5 Section 8.8 - More Trig. equations	6 Section 9.1 - Solving right triangles	7 Section 9.1 - Solving right triangles	8 Lab 8 (The Speed Trap)	9 Section 9.2 - The Law of Sines	10
11	12 Section 9.3 - The Law of Cosines	13 Lab 9 (Solving General Triangles)	14 Section 9.4 - Triangle area	15 Section 9.5 - Harmonic motion	16 Lab 10 (Lissajous curves)	17
18	19 Review Exam 4 (8.8, 9.1 - 9.5)	20 Review Exam 4 (8.8, 9.1 - 9.5)	21 Take Practice Exam 4 2 hr. Early Dismissal	22 Exam 4 (8.8, 9.1 - 9.5)	23 Free Day/ Make-up Day	24
25	26 Free Day/ Make-up Day	27 Free Day/ Make-up Day	28 Free Day/ Make-up Day	29 Free Day/ Make-up Day	30 Free Day/ Make-up Day	31

April 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Free Day/ Make-up Day	3 Free Day/ Make-up Day	4 Free Day/ Make-up Day	5 Free Day/ Make-up Day	6 ISE Day Good Friday	7
8 Easter Sunday	9 Spring Break	10 Spring Break	11 Spring Break	12 Spring Break	13 Spring Break	14
15	16 Free Day/ Make-up Day	17 Section 10.1 - Polar Coordinates	18 Section 10.2 - Polar Equations	19 Section 10.3 - Complex Numbers, DeMoivre	20 Section 10.4 - Vectors	21
22	23 Lab 11 (Graphing polar functions)	24 Lab 11 (Graphing polar functions)	25 Section 10.5 - The dot product	26 Lab 12 (Forensic Trigonometry)	27 Review for final & Course Evaluation	28
29	30 Review for Final					

May 2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Review for Final	2 Final Part 1	3 Final Part 2	4 ACT Quiz	5