

1st Semester	Pre-Calculus								
Unit Title	Functions and Graphs	Polynomials and Rational Functions	Limits	<b>Review</b> of Exponentials and Logarithms	Trigonometric Functions	Graphing Trigonometric Functions	Analytic Trigonometry		
Time Allocated	2 weeks	2 weeks	4 weeks	2 weeks	3 weeks	3 weeks	2 weeks		
Benchmarks	<b>Domain</b>	MA.912.A.4.5	MA.912.C.1.1	Inverse	MA.912.T.1.1	MA.912.T.1.6	MA.912.T.3.1	Benchmarks used throughout the year	
	<b>Range</b>	MA.912.A.4.6	MA.912.C.1.2	Function Compositions	MA.912.T.1.2	MA.912.T.1.7	MA.912.T.3.2		
	<b>Interval Notation</b>	MA.912.A.4.7	MA.912.C.1.3	Graphs	MA.912.T.1.3	MA.912.T.1.8	MA.912.T.3.3		
	<b>Families of Graphs</b>	MA.912.A.4.8	MA.912.C.1.4	Properties of	MA.912.T.1.4		MA.912.T.3.4		
		MA.912.D.1.3	MA.912.C.1.5	Solving equations	MA.912.T.1.5			LA.1112.1.6.1	LA.1112.1.7.1
		MA.912.A.5.6	MA.912.C.1.9					LA.1112.1.7.4	LA.1112.3.1.2
			MA.912.C.1.10					LA.1112.3.1.3	LA.1112.3.2.2
			MA.912.C.1.11						
			MA.912.C.1.12						
		MA.912.C.1.13							
2nd Semester	Pre-Calculus								
Unit Title	Analytic Trigonometry	Oblique Triangles and Determining Area	Sequences and Series	Conic Sections	Vectors	Polar Coordinate System	Parametric Equations and Graphing		
Time Allocated	2 weeks	3 weeks	2 weeks	3 weeks	2 weeks	2 weeks	2 weeks		
Benchmarks	MA.912.T.3.1	MA.912.T.2.1	MA.912.D.11.4	MA.912.A.9.1	MA.912.D.9.1	MA.912.T.4.1	MA.912.D.10.1		
	MA.912.T.3.2	MA.912.T.2.2	MA.912.D.1.3	MA.912.A.9.2	MA.912.D.9.2	MA.912.T.4.2	MA.912.D.10.2		
	MA.912.T.3.3	MA.912.T.2.3		MA.912.A.9.3	MA.912.D.9.3	MA.912.T.4.3	MA.912.D.10.3		
	MA.912.T.3.4	MA.912.T.2.4				MA.912.T.4.4			
						MA.912.T.4.5			