

### Pre-Calculus Year-At-A-Glance

Unit Title	Student Expectations	Suggested Instructional Days
<b>1<sup>st</sup> Nine Weeks:</b> August 22 – October 13		
<b>Unit 0</b> Factoring	A2.7D, A2.7E, A2.7F	12
<b>Unit 0</b> Rationals and radical	A2.7F, A2.7G	11
<b>Unit 1</b> Key Features of Functions	P.2F, P.2I, P.2D, P.2J	13
<b>2<sup>nd</sup> Nine Weeks:</b> October 16 – December 15		
<b>Unit 2</b> Step, Piecewise and composite functions	P.2J, P.2F, P.2C, P.2G	10
<b>Unit 3</b> Inverse, polynomial, and rational functions	P.2A, P.2C, P.2F, P.2G, P.2I,	12
<b>Unit 4</b> Inequality, exponential, and logarithmic functions	P.2F, P.2I, P.2J, P.2K, P.2L, P.2N	12
<b>3<sup>rd</sup> Nine Weeks:</b> January 8 – March 8		
<b>3.1</b> More logs and introduction to trigonometry	P.2P, P.4B, P.4D, P.5G, P.4A	15
<b>3.2</b> Sinusoids and graph sine and cosine	P.2F, P.2I	12
<b>3.3</b> Laws of sine and cosine and other trigonometrical identities	P.4G, P.4H, P.5M	16
<b>4<sup>th</sup> Nine Weeks:</b> March 18 – May 30		
<b>4.1 Conics</b>	P.3H, P.3I	14
<b>4.2 Vectors</b>	P.4I, P.4J, P.4K	13
<b>4.3 Polar coordinate grid and sigma and Sequencies and series</b>	P.3D, P.3E, P.2F, P.5A, P.5B, P.5C, P.5D, P.5E	18

Process standards should be embedded into instruction daily (A.1A, A.1B, A.1C, A.1D, A.1E, A.1F, and A.1G)

[Click here to access state standards for Pre-Calculus](#)