

Topics in Pre-Calculus Mathematics		
Pre-Calculus Mathematics (20S)	Pre-Calculus Mathematics (30S)	Pre-Calculus Mathematics (40S)
<ul style="list-style-type: none"> <li>● Polynomials and Factoring</li> <li>● Analytic Geometry</li> <li>● Trigonometry</li> <li>● Exponents and Radicals</li> <li>● Geometry</li> <li>● Rational Expressions and Equations</li> <li>● Functions</li> <li>● Statistics and Probability</li> <li>● Variation and Sequence</li> </ul>	<ul style="list-style-type: none"> <li>● Quadratic Functions</li> <li>● Trigonometry</li> <li>● Algebra</li> <li>● Analytic Geometry</li> <li>● Geometry</li> <li>● Consumer Mathematics</li> <li>● Logic/Proof</li> <li>● Functions</li> </ul>	<ul style="list-style-type: none"> <li>● Circular Functions</li> <li>● Transformations</li> <li>● Trigonometric Identities</li> <li>● Exponents and Logarithms</li> <li>● Permutations, Combinations, and Binomial Theorem</li> <li>● Conics</li> <li>● Probability</li> <li>● Geometric Sequences</li> <li>● Statistics (Optional)</li> </ul>

20S Pre-Calculus (20SP) - Topics include:

- Polynomials and Factoring
- Analytic Geometry
- Trigonometry
- Exponents and Radicals
- Geometry
- Rational Expressions and Equations
- Functions
- Statistics and Probability
- Variation and Sequence

This course is designed for those students who intend to pursue math at the post-secondary level. It is **strongly recommended** that students have a minimum of 65% in Senior 1 math before taking this course.

Students enrolled in 20S can expect:

- Daily homework
- Mental Math
- A new topic introduced every class
- Cumulative testing
- To take responsibility for their own learning (i.e. asking for extra help when needed)