



PRIOR LEARNING COURSE OUTLINE FORM

Course: **Math 11 Pre-Calc**

		Completion/TARGETS
<b>UNIT 1</b>		12%
<b>Absolute Value and Radicals</b>	<ul style="list-style-type: none"> <li>• Real numbers and absolute value</li> <li>• Radicals</li> </ul>	
<b>UNIT 2</b>		10.5%
<b>Factoring Polynomials</b>	<ul style="list-style-type: none"> <li>• Simple trinomials</li> <li>• Messy trinomials</li> <li>• Difference of squares</li> <li>• Perfect squares</li> </ul>	
<b>UNIT 3</b>		12.5%
<b>Rational Expressions</b>	<ul style="list-style-type: none"> <li>• Simplifying</li> <li>• Operations with rational expressions</li> <li>• Solving rational expressions</li> </ul>	
<b>UNIT 4</b>		8.5%
<b>Quadratic Functions</b>	<ul style="list-style-type: none"> <li>• Translations</li> <li>• Expansions and compressions</li> <li>• Equations of Quadratic Functions</li> <li>• General to standard form</li> </ul>	
<b>UNIT 5</b>		8.5%
<b>Solving Quadratic Equations</b>	<ul style="list-style-type: none"> <li>• Solving by factoring</li> <li>• Solving by square root principle</li> <li>• Solving with quadratic formula</li> <li>• Discriminant</li> </ul>	
<b>UNIT 6</b>		12.5%
<b>Solving Systems of Equations</b>	<ul style="list-style-type: none"> <li>• Graphing linear inequalities</li> <li>• Solving quadratic inequalities</li> <li>• Solving Linear-quadratic systems</li> <li>• Solving quadratic-quadratic systems</li> </ul>	



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<b>UNIT 7</b>		10.5%	
<b>Sequences and Series</b>	<ul style="list-style-type: none"> <li>● Arithmetic sequences and series</li> <li>● Geometric sequences and series</li> <li>● Infinite geometric series</li> </ul>		
<b>UNIT 8</b>		14.5%	
<b>Trigonometry</b>	<ul style="list-style-type: none"> <li>● Angles in standard position</li> <li>● Exact values of special angles</li> <li>● Conditional trig equations</li> <li>● Sine law</li> <li>● Cosine law</li> </ul>		
<b>UNIT 9</b>		10.5%	
<b>Absolute Value and Reciprocal Functions</b>	<ul style="list-style-type: none"> <li>● Absolute value functions</li> <li>● Graphing linear and quadratic reciprocal functions</li> </ul>		

STUDENT NAME	
TEACHER NAME	
SCHOOL	
AVERAGE GRADE ASSIGNED TO ALL SUCCESSFULLY <b>COMPLETED WORK</b> * IN THE COURSE	