

Teacher Name: Smith

Grade Level: High School

Class: Pre-Calculus

2025-26 GVCS CURRICULUM MAP

Week of	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment
September 1 <sup>st</sup>	Appendix, Review of Algebra 2	TB Appendix/TM Notes	Number Systems, Exponents, Factoring	Quiz 1
September 8 <sup>th</sup>	Appendix Review of Algebra 2	TB Appendix/ TM Notes	Expressions, Equations, Inequalities	Quiz 2
September 15 <sup>th</sup>	Linear Functions	TB C1/ TM Notes	Symmetry, Functions, Transformations	Quiz 3/ HW 1
September 22 <sup>nd</sup>	Test/ Quadratics and Polynomials	TB C1/ TM Notes	Compositions, Inverses, Degree	Test 1
September 29 <sup>th</sup>	Synthetic Division/Zeros	TB C2/TM Notes	Zeros, Multiplicity, Remainder Theorem	Quiz 4
October 6 <sup>th</sup>	Rational Inequalities/Test	TB C2/ TM Notes	Non-linear Inequalities, Rational expressions	HW 2/ Test 2
October 13 <sup>th</sup>	Exponentials & Log Functions	TB C3/ TM Notes	Logarithms, Argument, Base, roots	Quiz 5
October 20 <sup>th</sup>	Exp & Log Equations/Test	TB C3/ TM Notes		HW 3/ Test 3
October 27 <sup>th</sup>	Trig	TB C4/ TM Notes	Radian, Degree, Sine, Cosine, Hypotenuse, Tangent, Right	Quiz 6
November 3 <sup>d</sup>	Trig/Radians/Degree/Unit Circle	TB C4/ TM Notes	Cotangent, Secant, Cosecant	Quiz 7
November 10 <sup>th</sup>	Graph/Applications/Test	TB C4/ TM Notes	Asymptotes, Undefined, Cofunctions	HW 4/ Test 4
November 17 <sup>th</sup>	Trig Identities	TB C5/ TM Notes	Prove, Double Angle, Half Angle	Quiz 8
November 24 <sup>th</sup>	Trig Identities cont'd	TB C5/ TM Notes		
December 1 <sup>st</sup>	Trig Equations/Sum and Difference Ident	TB C5/ TM Notes	Sum, Difference	HW 5/ Test 5

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<i>December 8<sup>th</sup></i>	Law of Sines/Law of Cosines	TB C6/ TM Notes	Verify, Solve, Area, Heron's Formula, Obtuse	Quiz 9
<i>December 15<sup>th</sup></i>	Systems of Equations and Inequalities	TB C6/ TM Notes	Non-linear system, Matrix	HW 6/ Test 6
<i>January 5<sup>th</sup></i>	Matrices/Applications	TB C7 and C8/ TM Notes	Matrix Operations, Determinant	Quiz 10
<i>January 12<sup>th</sup></i>	Test/ Review for Final	TM Review	All previously mentioned	HW 7/ Test 7
<i>January 19<sup>th</sup></i>	Final Exam	TM Review/Alfred State Made Final	All previously mentioned	Final

Notes:

- 1) Precalculus with Limits by Larson (2<sup>nd</sup> Edition) will be used as a resource for both the teacher and students. This book will be used to guide instruction.
- 2) Classwork will guide daily assessment into understanding. The larger graded assessments are what is included on the curriculum map.
- 3) The students will need to be able to write and explain solutions in Pre-Calculus. This includes explaining their answer in word problems. Students may also be asked to explain where their solution came from.
- 4) Abbreviations: TB – Textbook, C# - Chapter Number, HW – Homework, TM – Teacher Made