

West Springfield High School 2025 - 2026

Math Department

West Springfield Department Chair is: **Jenny Walker - jlwalker1@fcps.edu**

The Curriculum (CT) Leaders are:

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| <ul style="list-style-type: none"> ● Algebra 1 - Patricia Mariscal - pmariscal@fcps.edu ● Geometry - Jane Lee - jlee3@fcps.edu ● AFDA - Julie Wagner - jmwagner@fcps.edu ● Algebra 2 - Shana Sommers - ssommers@fcps.edu | <ul style="list-style-type: none"> ● Precalculus - Becky Barnes - rmbarnes@fcps.edu ● Calculus - Shannon Rapoza - serapoza@fcps.edu ● Computer Science - Yong Park - ypark2@fcps.edu ● Statistics - Jordan Moellendick - jrmoellendic@fcps.edu |
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Course Suggestions after Precalculus/Precalculus Honors:

Applied Calculus	AP Calculus AB	AP Calculus BC	AP Stat	Probability & Statistics OR Data Science 1 & 2
<ul style="list-style-type: none"> ● This is NOT an AP course ● This IS still Calculus ● Helps students learn the fundamental concepts needed to be successful in college Calculus courses. 	<ul style="list-style-type: none"> ● This IS a challenging AP course ● Equivalent to 3-4 college credits ● Covers the same fundamental concepts as Applied, but with more depth and more function families. ● Test grades will not replace quiz grades. 	<ul style="list-style-type: none"> ● This IS a challenging AP course ● Equivalent to 6-8 college credits ● Covers everything in Calc AB and more, at a very fast pace. ● Test grades will not replace quiz grades. 	<p>Students should meet the following criteria</p> <ul style="list-style-type: none"> ● B or higher in precalc. <p>Algebraic skills are useful, but not essential, for AP Statistics.</p> <p>Demonstrate mastery by communicating statistical concepts in writing.</p> <p>Focus on real-world problem solving.</p>	<p>Students should meet the following criteria:</p> <ul style="list-style-type: none"> ● D or higher in Precalculus ● Prob & Stat focuses on statistical concepts and probability ● Data Science uses computer science to analyze data
<p>Who should take this?</p> <ul style="list-style-type: none"> ● “C or higher” in AP Precalc BC ● “C+ or higher” in AP Precalc AB 	<p>Who should take this?</p> <ul style="list-style-type: none"> ● “B- or higher” in AP Precalc BC on assessments with strong Alg 2 Grade 	<p>Who should take this?</p> <ul style="list-style-type: none"> ● “Strong B+ or higher” in AP Precalc BC on assessments, with a 		

<ul style="list-style-type: none"> ● “B or higher” in Precalculus ● You want to see Calculus before college to get a basic understanding of the topics. 	<ul style="list-style-type: none"> ● “B+ or higher” in AP Precalc AB on assessments with strong Alg 2 Grade ● Strong A (95 or above) in PreCalc with an A in Algebra 2 and limited extra support 	<p>strong Algebra 2 Honors grade.</p> <ul style="list-style-type: none"> ● You want a challenge ● Interested in Engineering and/or Math/Applied Sciences 		
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Questions regarding **Calculus** can be directed to the **Calculus** team lead **Shannon Rapoza** at serapoza@fcps.edu