

## Self-directed Placement -- College Algebra

*Use this form to determine your first semester placement in Math.*

*Once complete connect with your advisor or our MAP Center.*

*MAP Center Contact: [advising@lamarcc.edu](mailto:advising@lamarcc.edu) or 719-336-1598*

Place a checkmark in the box that best describes you:	4	3	2	1
My overall GPA in high school.	A	B	C	D/F
My overall grade in my high school Algebra II class.	A	B	C	D/F/no
My overall grade in my high school Calculus or Pre-Calculus class.	A	B	C	D/F/no
I took my last math class: mark for 4= last semester, 3 = last year, 2= 2 years ago, 1 = longer than 2 years.	4	3	2	1
Which statement is true?				
Expected Skills and Attitudes for College Algebra	very much like me	mostly like me	not much like me	not at all like me
I read and analyze problems carefully, and then I work diligently to get the correct solution.				
I understand Algebra II material, including factoring, quadratic formulas, square roots, and graphing.				
I know how to use algebra to solve word problems.				
I know how to overcome adversity and challenging situations.				
I can use basic order of operation, exponents, multiplication, division, addition, and subtraction including fractions.				
	yes, easily	yes, w/ help	maybe	no, I can't
I know how to evaluate this expression by following order of operations $\frac{1}{2} \div \frac{7}{8} + \frac{1}{7} \cdot \frac{2}{3}$				
I know how to use the formula $F=kAv^2$ to find the force exerted on a plane's wing during take-off if the area of the wing is 100 ft <sup>2</sup> , $k= 5/4$ and $v = 90$ mph.				
I know how to solve the equation $\frac{5xx}{2} - \frac{3xx}{2} + \frac{4}{5} = \frac{7}{5} - \frac{1}{10}$				
I know how to simplify the radical $\sqrt{-2 - 108}$				
I know how to factor the expression $12xx^2 + 5xx - 3$				
I know how to graph the equation $-3xx + 6yy = -6$				
TALLY YOUR SCORE FOR EACH COLUMN AND ADD EVERYTHING UP				
My combined score is:				
<div style="border: 1px solid black; width: 100%; height: 20px; background-color: #e0e0e0;"></div>				

## Next Step

*Connect with your advisor or our MAP Center to determine the course that best matches your score.*

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**Circle the course that best matches your score:**

<b>A score of 48 or greater, take MAT 121</b>	<b>A score of 36-47, take MAT 121 + MAT 093</b>	<b>A score of 15-35, take MAT 055</b>
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<b>College Algebra (MAT 121):</b> Explores intermediate algebra, equations, functions and their graphs, exponential functions, linear and non-linear systems, and conic sections. Expect to spend 4-8 hours a week outside of class studying for this course. Homework is online and requires computer access. 4 credits	<b>College Algebra w/ Support (MAT 121 + MAT 093):</b> This MAT 093 supports the math skills needed to be successful in MAT 121 with 2.5 extra hours of class each week. Expect to spend 4-6 hours a week outside of class studying for this course. 5 credits	<b>Algebraic Literacy w/ Support (MAT 055):</b> Students develop math skills necessary for MAT 121. This course includes developing algebraic skills dealing with expressions and equations including complex numbers, radicals, polynomials, factoring, quadratic equations, and rational expressions. Students will also develop math-learning strategies. Expect to spend 4-6 hours a week outside of class studying for this course. 4 credits
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