Pine Technical & Community College

If students don't have valid high school GPA or other approved placement scores (ACT, SAT, MCA, etc.) students may choose to use the self-guided placement process to determine course placement. PTCC Advisors who are working with Adult Learners or students whose high school **GPA is below 2.8*** should read the statements below to help determine which MATH class is the best placement.

Algebra College Level Math

I should enroll in **MATH 1260 College Algebra** if the following statements describe me.

I can do most of the following math skills:
- Given a linear function that represents a context, calculate the output given the input
- Apply rules of exponents to simplify expressions
- Solve quadratic equations in $x^2 + bx + c = 0$ form by factoring
- Interpret the meaning of a value in an exponential function based on the context
- Solve linear equation systems in $ax + by = cx + dy$ form with integer coefficients
- Make connections between tables anpd algebraic equations representing a nonlinear relationship
- Rewrite complex polynomial (including quadratic) expressions by factoring
- Solve rational and radical equations
- I can solve most of the problems on the Intermediate Algebra Skills Summary.
- I received at least a B in Algebra 2 in high school.

Introductory Algebra Review 2 or Non-Algebra College Level Math

I should enroll in **Math 0460 Express Intermediate Algebra/ Math 1265 Elementary Statistics/ 1256 Mathematical Thinking** if the following statements describe me.

I can do most of the following math skills:
- Identify a graph that represents a set of univariate data
- Fluently add, subtract, and multiply integers
- Identify coordinate points in the xy-plane
- Identify a linear equation or inequality that represents a simple context
- For a linear equation in two variables, given one value, calculate the other value
- Evaluate a numerical rational or radical expression consisting of integers
- Solve one-step problems involving unit rate, ratio, proportion, and unit conversion
- I can solve most of the problems on the Algebra Concepts Skills Summary.
- I received at least a B in Algebra 1 in high school.

Introductory Algebra Review 1 Level

I should enroll in **MATH 0365 Algebra Concepts (independent study) or work with ABE and re-take the Accuplacer assessment** if the following statements describe me.

I can do most of the following math skills:
- Use addition, subtraction, multiplication, and division of whole numbers and decimals to solve multistep applied problems
- Fluently solve numerical expressions by applying the order of operations involving decimals and whole numbers
- Use addition, subtraction, multiplication, and division to solve multistep applied problems involving fractions
- Solve single-step applied problems involving percent

- Solve problems involving converting a fraction to its decimal equivalent and rounding the result to a given value
- I can solve most of the problems on the Math Concepts Skills Summary.
- I sometimes needed extra help in high school to complete math assignments, but for the most part I was able to work on my own.

General Math Review Level
I should enroll in **MATH 0250 Math Concepts (independent study) or MATH 1251 Technical Math or work with ABE and re-take the Accuplacer assessment** if the following statements describe me.

I can do most of the following math skills:
- Fluently add, subtract, and multiply decimals
- Add and subtract fractions
- Use addition, subtraction, multiplication, and division of whole numbers and decimals to solve one-step applied problems
- I can solve most of the problems on the Pre-Math Concepts Skills Summary.
- I received additional support for math in high school (Examples: support classes, one-on-one instruction, extra time on assignments, shortened assignments, etc.)

Math Refresher Level
I should enroll in **Adult Basic Education (ABE)** to study math if the following statements describe me.

I need to learn to:
- Fluently add, subtract, multiply, and divide whole numbers
- Identify decimal values that occur between whole numbers
- Order positive real numbers expressed as a whole number or decimal from least to greatest
- I work best with one-on-one instruction.

HS GPA is valid for 10 years after high school graduation.

Student Acknowledgement
I have reviewed the course placement criteria listed above with a PTCC advisor and agree to be placed at the course placement level listed below.

Student Signature: _____   Course Placement Decision: _____

For office use only:
Student Name: _____   Student Tech ID: _____
Name of Advisor: _____   Date of Advising: _____
Date Test Score Entered in ISRS: _____