Guided Self-Placement
Mathematics

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 and 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: _____________________