



If you don't have a recent high school GPA (2.8 or higher) or approved placement scores (ACT, SAT, MCA, etc.), you can use PTCC's **Guided Self-Placement** to figure out which math course is the best fit for you. Your PTCC Advisor will help you go through the statements below. Find the section that feels most like your current math skills and comfort level.

### **College Level: Algebra College Level Math**

If this sounds like you, you may be ready for *(your program requirements will determine the exact course)*:

- **MATH 1260** College Algebra
- **MATH 2270** Pre-Calculus
- **MATH 2260** Trigonometry

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.

### **Express Level: Introductory Algebra Review 2 or Non-Algebra College Level Math**

If this sounds like you, you may be ready for *(your program requirements will determine the exact course)*:

- **ABE 304** Algebra Lab (taken with College Algebra)
- **MATH 1265** Elementary Statistics
- **MATH 1256** Mathematical Thinking

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**

If this sounds like you, you may be ready for:

- **ABE 302** College Ready Math II (taken with your required math course)

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

If this sounds like you, you may be ready for *(your program requirements will determine the exact course)*:

- **ABE 301** College Ready Math I **and ABE 302** College Ready Math II (taken with your required math course)
- **MATH 1251** Technical Math

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.)

## Refresher Level: Math Refresher Level

If this sounds like you, you may benefit from Adult Basic Education (ABE) before starting a math course.

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: \_\_\_\_\_