**About ACCUPLACER**

We suggest four test-taking strategies:

1. **Take your time.** The test is not timed. Relax and choose your answers carefully without worrying about the clock ticking.
2. **Read Carefully.** Be sure to understand exactly what each question requires.
3. **Think Carefully.** The test requires one to complete or substitute information for parts of given sentences. Response should reflect clear language use.
4. **Write before choosing an answer.** Use scratch paper to experiment with answers. Be sure to understand the given options before answering.

****REMINDER:****

All tests have a score range from 0-120. **This is not a grade.** IVCC Faculty members have taken this score and translated it into a **PLACEMENT**.

**Descriptions of the tests**

**Reading Comprehension**

This test is designed to measure how well you understand what you read. It contains **20 questions**. Some ask you to decide how two sentences are related. Other questions are based on passages of various lengths. You will be asked to interpret and draw conclusions from what you have read.

**Possible Placements:**
- Score Range of 102-83 = No Reading Requirement
- Score Range of 82-68 = RED 1008 (Power Reading)
- Score Range of 67-46 = RED 0900 (Basic Reading II)
- Score Range of 45-29 = RED 0800 (Basic Reading I)
- Score Range of 28-0 = Adult Basic Reading

**Sentence Skills**

Two kinds of questions are given in this test. You will be asked to correct a sentence by choosing a word or phrase to substitute for an underlined portion of a sentence. In the other type of questions, you will be asked to rewrite a sentence in a specific way without changing the meaning. You will be presented a total of **20 questions**.

**Possible Placements:**
- Score Range of 120-90 = ENG 1001 (College Level English)
- Score Range of 89-59 = Essay Requirement
- Score Range of 33-58 = ENG 0900 (Basic English Comp II)
- Score Range of 32-0 = ENG 0800 (Basic English Comp I)

**Arithmetic**

The Arithmetic test measures your skills in three primary categories:

* **Operations with whole numbers and fractions.**
  Includes: addition, subtraction, multiplication, division, recognizing equivalent fractions and mixed numbers

* **Operations with decimals and percents**
  Includes: addition, subtraction, multiplication, and division percent problems, decimal recognition, fraction percent equivalencies, and estimation problems

* **Applications and problem solving**
  Includes: rate, percent, and measurement problems, geometry problems, distribution of a quantity into its fractional parts.
A total of 17 questions are asked.

**Possible Placements:**
- Score Range of 120-61 = MTH 0906 (Basic Algebra)
- Score Range of 60-26 = MTH 0900 (Pre-Algebra)
- Score Range of 25-0 = Adult Basic Math

**Elementary Algebra**
There are also three categories in the Elementary Algebra Test:

* **Operations with integers and rational numbers**
  Includes: computation with integers and negative rationals, the use of absolute values, and ordering.

* **Operations with algebraic expressions**
  Includes: evaluations of simple formulas, expressions, and adding, subtracting monomials and polynomials, the evaluation of positive rational roots and exponents, simplifying algebraic fractions, and factoring.

* **Equation solving, inequalities, and word problems**
  Includes: solving verbal problems presented in algebraic context, geometric reasoning, the translation of written phrases into algebraic expressions, graphing

A total of 12 questions are presented.

**Possible Placements:**
- Score Range of 120-100 = Take the College Level Math Test
- Score Range of 99-45 = MTH 0907 (Intermediate Algebra)
- Score Range of 44-26 = MTH 0906 (Basic Algebra)
- Score Range of 25-0 = MTH 0900 (Pre Algebra)

**College-Level Mathematics**
The College-Level mathematics test assesses proficiency from intermediate algebra through precalculus. The categories covered include:

* **Algebraic operations**
  Includes: simplifying rational algebraic expressions, factoring and expanding polynomials, manipulating roots and exponents.

* **Solutions of equations and inequalities**
  Includes: the solution of linear and quadratic equations by factoring, expanding polynomials, manipulating roots and exponents.

* **Coordinate geometry**
  Includes: plane geometry, the coordinate plane, straight lines, conics, sets of points in a plane, graphs of algebraic functions.

* **Application and other algebra topics**
  asks about: complex numbers, series and sequences, determinants, permutations, combinations, fractions, word problems.

* **Functions and trigonometry**
  presents questions about: polynomial, algebraic, exponential, logarithmic, trigonometric functions.

20 questions are asked

***This exam is given only when a 100 or better is scored on the Elementary Algebra exam. Placements range from Math for Liberal Arts to Calculus.