

## **Accuplacer Tests**

**Arithmetic:** 17 questions from the following three content areas:

- Whole Numbers and Fractions (add, subtract, multiply, divide, estimation, equivalent fractions)
- Decimals and Percents (add, subtract, multiply, divide, percents, fraction/decimal equivalents)
- Applications and Problem Solving (rate, percent, measurement problems, geometry)

**Elementary Algebra:** 12 questions from the following three content areas:

- Integers and Rational Numbers (computation, absolute values, ordering)
- Algebraic Expressions (evaluation of simple formulas, monomials/polynomials, rational roots, exponents, factoring)
- Equations, Inequalities and Word Problems (linear equations, quadratic equations, geometric reasoning/graphing)

**College-Level Math:** 20 questions from the following five content areas:

- Algebraic operations (simplifying rational algebraic expressions, factoring, expanding polynomials, and manipulating roots and exponents)
- Solutions of equations and inequalities (solution of linear and quadratic equations and inequalities, equation systems and other algebraic equations)
- Coordinate geometry (plane geometry, the coordinate plane, straight lines, conics, sets of points in the plane, and graphs of algebraic functions)
- Applications and other algebra topics (complex numbers, series and sequences, determinants, permutations and combinations, fractions and word problems)
- Functions and trigonometry (polynomials, algebraic, exponential, and logarithmic and trigonometric functions)

**Reading Comprehension:** 20 questions from the following five content areas:

- Identifying Main Ideas
- Direct Statements and Secondary Ideas
- Inferences
- Applications
- Sentence Relationships

**Sentence Skills:** 20 questions from the following three content areas:

- Recognizing Complete Sentences
- Coordination and Subordination
- Clear Sentence Logic

**WritePlacer:** This test will allow you to demonstrate your writing skills in a 300–600 word multiple-paragraph writing sample. Grammar and spelling count, along with punctuation, focus, and organization. This part of the test will have a time limit of one hour. You will type your essay on the computer. Your score will be based on your ability to express, organize and support your opinions and ideas, not the position you take on the essay topic.

## **FREE Study Guides**

**College Board Student Guide:** <http://accuplacer.collegeboard.org/students>

This site provides sample test questions and a free iPhone or web app for test prep.

### **Colleges with Study Guides:**

- **AIMS Community College**  
<http://www.aims.edu/student/assessment/studyguides/>
- **Montgomery Community College**  
<http://cms.montgomerycollege.edu/edu/plain.aspx?id=26548>
- **McLennan Community College** (math videos)  
<http://www.mclennan.edu/students/testing/accuplacer/prep.html>
- **Aurora Community College** (math videos)  
<http://www.ccaurora.edu/students/academic-support/tutoring-services/math-access-review>
- **Oklahoma State University** (reading)  
[http://www.osuit.edu/academics/forms/pretest\\_reading.pdf](http://www.osuit.edu/academics/forms/pretest_reading.pdf)

### **Other Internet Study Guides:**

- **Khan Academy:** [www.khanacademy.org](http://www.khanacademy.org)  
There are tons of videos and exercises for reviewing arithmetic, pre-algebra, algebra, trig, and pre-calculus topics, among other areas.
- **Math.com:** <http://www.math.com/>  
From basic math and algebra through trigonometry and calculus, this site provides you with self-paced tutoring for a wide range of math needs.
- **StudyGuideZone.com:** <http://www.studyguidezone.com/accuplacertest.htm>  
This self-guided site takes you through sample questions and review for all areas of the Accuplacer assessment, and includes tips, formulas, and key points.
- **TestPrepPractice.net:** <http://www.testpreppractice.net/ACCUPLACER/Default.aspx>
- **TestPreviewPrep.com:** [http://www.testprepreview.com/accuplacer\\_practice.htm](http://www.testprepreview.com/accuplacer_practice.htm)  
This site provides self-assessment modules for the Accuplacer and other college entrance exams. After completing the self-assessments, use the self-improvement directory to raise your skills in those areas needing assistance. Below are the recommended Self-Assessment Modules for each of the Accuplacer core assessments:

#### *Arithmetic*

- Averages and Rounding
- Arithmetic
- Estimation and Sequences
- Exponents
- Fractions and Square Roots
- Geometry
- Percents and Ratios

#### *Algebra*

- Basic Algebra
- Advanced Algebra

#### *Reading Comprehension*

- Basic & Advanced Reading Comp
- Reading for the Main Idea
- Reading Vocabulary

#### *Sentence Skills*

- Commas
- Basic, Intermediate, & Advanced Grammar
- Nouns
- Sentence Correction
- Sentence Flow
- Verbs