

IVCC PLACEMENT SUBJECT OVERVIEW



<p><u>Reading (20 questions)</u> *Taken with Writing Placement Test</p> <p>The Reading test assesses the test taker's ability to derive meaning from a range of texts and to determine the meaning of words and phrases in short and extended contexts. Passages on the test cover a range of content areas, writing modes, and complexities. Both single and paired passages are included. The Reading test assesses four broad knowledge and skills categories:</p> <p>Information and Ideas (reading closely, determining central ideas and themes, summarizing, understanding relationships)</p> <p>Rhetoric (analyzing word choice rhetorically, analyzing text structure, analyzing point of view, analyzing purpose, analyzing arguments)</p> <p>Synthesis (analyzing multiple texts)</p> <p>Vocabulary</p> <p><i>Students may be placed into Basic Reading (0900) from this assessment. Some students may be referred to the Adult Education Center for further assessment before placement. All developmental Reading courses must be completed before enrolling in any College Level English courses.</i></p>	<p><u>Writing (25 questions)</u> *Taken with Reading Placement Test</p> <p>The Writing test evaluates a test taker's ability to revise and edit multiparagraph text. Questions cover two broad knowledge and skills categories, each containing three subcategories:</p> <p>The Expression of Ideas category covers development, organization, and effective language use.</p> <p>The Standard English Conventions category covers sentence structure, usage, and punctuation.</p> <p>In addition to the multiple-choice test, some students may be required to complete a timed essay to determine placement in English coursework. The software automatically evaluates test takers' essays written to one of several prompts provided in ACCUPLACER system. Students enter their essays into an onscreen text box and submit for a score.</p> <p><i>Students may be placed into English Composition I (ENG 1001), Written Communication Skills for Business, Industry and Technology (ENG 1205), or Basic English Composition (0900) from this assessment. All developmental Reading courses must be completed before</i></p>
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<p><u>Arithmetic (20 questions)</u></p> <p>The Arithmetic test focuses on computation, order of operations, estimation and rounding, comparing and ordering values in different formats, and recognizing equivalent values across formats. This test assesses the following knowledge and skills categories:</p> <p>Whole number operations</p> <p>Fraction operations</p> <p>Decimal operations</p> <p>Percent</p> <p>Number comparisons and equivalents</p> <p><i>Students can be placed into Foundations of Algebra (MTH 0910) or Technical Math (MTH 1206). Some students may be referred to the Adult Education Center for further testing before placement.</i></p>	<p><u>Quantitative Reasoning, Algebra and Statistics (QRS)</u> (20 questions)</p> <p>The following knowledge and skill categories are assessed:</p> <p>Rational numbers</p> <p>Ratio and proportional relationships</p> <p>Exponents</p> <p>Algebraic expressions</p> <p>Linear equations</p> <p>Linear applications</p> <p>Probability and sets</p> <p>Descriptive statistics</p> <p>Geometry concepts</p> <p><i>In this placement exam, students may find themselves placing into development (MTH 0910, 0920) or transferrable math coursework</i></p>	<p><u>Advanced Algebra and Functions (AAF)</u> (20 questions)</p> <p>The Advanced Algebra and Functions (AAF) test assesses the following knowledge and skills:</p> <p>Linear Equations</p> <p>Linear Applications and Graphs</p> <p>Factoring</p> <p>Quadratics</p> <p>Functions</p> <p>Radical and Rational Equations</p> <p>Polynomial Equations</p> <p>Exponential and Logarithmic Equations</p> <p>Trigonometry</p> <p>Course Placements include:</p> <p><i>Pre-Calculus (MTH 1005), Finite Math (MTH 1006), Calculus for Business & Social Sciences (MTH 1007), or Calculus & Analytic Geometry (MTH 2001)</i></p>
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Which Math test do I take?

When taking Math placement test, a student is asked if they have taken and passed a year of Algebra in high school. If they say no to the question, they are administered the Arithmetic exam and if they say yes, they will be given the QRS exam.

Review options are available if an individual is looking for a refresher before taking the placement exams:

- ⇒ Go to www.accuplacer.org and select the "Information for Students" link for printable materials or the web-based app.
- ⇒ Or visit the IVCC Counseling office and pick up a sample questions packet in the subject areas of Reading, English and/or Math.