Accuplacer College Placement Test

At Bunker Hill Community College, you can use the following options to determine what courses to start with. These options can excuse you from the full or partial College Placement Test (CPT).

**High School GPA**

To qualify for GPA placement, students must be from a high school in Massachusetts and identify as one of the following:

1. Have graduated from high school within the past 3 years at the time of application to Bunker Hill Community College in order to use the High School GPA for the **Math Placement**.
   - With a cumulative GPA of 2.7 or higher, a student is eligible to enroll in Quantitative Reasoning, Statistics, or College Algebra; courses, based on the program of study.
2. Have graduated from high school within the past 10 years at the time of application to Bunker Hill Community College in order to use the High School GPA for the **English Placement**.
   - With a cumulative GPA of 2.7 or higher, a student is eligible to enroll in College Writing I.

If you have questions about GPA placement, please email the Admissions Office at admissions@bhcc.edu.

**Prior Coursework**

If you have previously attended another college/university, BHCC will evaluate successfully completed courses to see if you are exempt from testing. We will evaluate your course if it meets these requirements:

- The course(s) must be completed in developmental reading, developmental or college-level English composition/writing, and/or developmental or college-level math.
- The course must be completed with a grade of C or better
- The college or university you attended must be regionally accredited

Unofficial transcripts from other colleges may be used to provide proof of successful completion.

**SAT/PSAT scores**

If you scored 500 or higher within the last 2 years on the Evidence Based Reading and Writing section of the SAT, you will not take the reading and English portions of the test. There are currently no exemptions for SAT math scores. Unless you are exempt from the math portion for another reason, you must still take the math portion of the test. If you have questions about the SAT, please email Admissions Office at admissions@bhcc.edu.

**ACT SCORES**

If you scored 22 or higher on the ACT English and Language Arts section within the last 2 years, you will not take the reading and English portions of the test.

**CLEP/AP Scores**

If you scored 50 or higher on CLEP College Composition, you will not take the reading and English tests.

If you scored 50 or higher on the CLEP Pre-calculus or Calculus with Elementary Functions, you will not take the math test.

Learn more about earning college credit for CLEP, AP and other Prior Learning
Accuplacer
College Placement Test

All new BHCC students may be required to take the Accuplacer College Placement Test (CPT). This test determines your initial English, Math, and Reading placement courses, and may exempt you from certain classes. If you need to test, please use the preparation materials provided to review beforehand. Preparation is very important because your test scores will determine which courses you are eligible to register for at Bunker Hill Community College (BHCC). English, reading and math scores are valid for placement and application purposes for two years.

- A valid photo ID is required for testing. Forms of ID that are accepted: University, College or School ID cards from other educational institutions, Government-issued ID, Company-Issued ID, Native Tribal ID, Temporary state ID, Driver’s Permit, United States employment authorization card.
- Testing takes approximately three hours. There is no time limit for Reading or Math sections.
- The WritePlacer test is timed and it must be completed in one sitting. Scrap paper and pencils are provided, but telephones, smartwatches, calculators and dictionaries are not permitted.
- Please make alternative arrangements for childcare as children are not allowed in the testing room and cannot be left unattended while testing.
- Food and beverages are not permitted in the testing room.
- Placement results are generally available immediately upon completion of the test. Accepted (degree and certificate seeking) students will also be able to access these placement results in the Test Summary section of Student Planning in their MyBHCC account (log on information for MyBHCC is provided to accepted students on their acceptance letter).

Retesting Policy
Students currently enrolled in Academic ESL, English, Reading, or Math courses may not retest while they are currently enrolled in classes, but they may retest once at the end of the semester after grades have been posted. English, reading and math scores are valid for placement and application purposes for two years.

Documented Disabilities/Testing Accommodations
Any student with a documented disability who would like accommodations made for testing should speak with the Coordinator of Disability Support Services. Charlestown Campus, Room E222 617-228-2327 disabilitysupport@bhcc.edu

Before the test...
- To do your best take the test when you are rested.
- Prepare by reviewing the test subjects and by doing practice questions.
https://www.longsdalepub.com/courses/accuplacer/

After you go on the website, click on the “Register New Account” button. You will need to register using the following information:

**School Number:** 68733

**School Key:** bhsuccess
1. Create your account
2. Login
3. Select Next-Generation practice

- Reading
- Quantitative Reasoning, Algebra, and Statistics (QAS)
- Arithmetic
- Advanced Algebra and Functions (AAF)

Computer Adaptive
Multiple-Choice Fixed-length placement test
Accuplacer
College Placement Test

CPT Test is a Computer Adaptive test with three sections:

1. Essay  ► Write Placer, or ESL Write Placer (timed)
2. Reading ► Next Generation Reading or ESL Reading (20 questions untimed)
          (QAS 20 questions untimed)
          ▶ Next-Generation Arithmetic (20 questions untimed)
          ▶ Next-Generation Advanced Algebra and Functions (AAF 20 questions untimed)

1. WritePlacer

First, you read a short passage and respond to the prompt. The WritePlacer is timed (60 minutes)
The following six characteristics of writing will be considered:

● **Purpose and Focus**—the extent to which your present information in a unified and coherent manner, clearly addressing the issue.

● **Organization and Structure**—the extent to which you order and connect ideas.

● **Development and Support**—the extent to which you develop and support ideas.

● **Sentence Variety and Style**—the extent to which you craft sentences and paragraphs demonstrating control of vocabulary, voice, and structure.

● **Critical Thinking**—the extent to which you communicate a point of view and demonstrate reasoned relationships among ideas.

Tutorials
https://accuplacer.collegeboard.org
https://study.com
http://www.khanacademy.org/humanities/grammar
The Next-Generation Reading test is a broad-spectrum computer adaptive assessment of test-takers’ developed ability to derive meaning from a range of prose 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 (including literature and literary nonfiction, careers/history/social studies, humanities, and science), writing modes (informative/explanatory, argument, and narrative), and complexities (relatively easy to very challenging). Four broad knowledge and skill categories are assessed:

- Information and Ideas (reading closely, determining central ideas and themes, summarizing, understanding relationships)
- Rhetoric (analyzing word choice rhetorically, analyzing text structure, analyzing point of view, analyzing purpose, analyzing arguments)
- Synthesis (analyzing multiple texts)
- Vocabulary

https://accuplacer.collegeboard.org/
https://study.com/
https://agendaweb.org/reading-exercises
1.1 ESL WritePlacer

Students start with a 90-minute timed writing test before moving to the reading test. Your essay will be given a holistic score that represents how clearly and effectively you have expressed your position. The following four characteristics of writing will be considered:

- **Word Use**—the extent to which you are able to use a wide range of words and phrases accurately.
- **Sentence Use**—the extent to which you are able to use a variety of sentence patterns with both independent and dependent clauses.
- **Grammar**—The extent to which you are able to express ideas using grammatically correct English.
- **Organization and Development**—The extent to which you are able to focus on the assigned topic and to develop ideas clearly

**Tutorials**
- [https://www.khanacademy.org/humanities/grammar](https://www.khanacademy.org/humanities/grammar)
- [https://www.grammar-monster.com/](https://www.grammar-monster.com/)

2.1 ESL Reading

The ESL-Reading test is a computer-adaptive, untimed test that measures a student’s ability to read English. Specifically, it assesses your understanding of short passages. It contains brief passages of 50 words or less and moderate length passages of 50 to 90 words. Half of this test contains straightforward comprehension items (paraphrase, locating information, vocabulary on a phrase level, and pronoun reference). The other half assesses inference skills (main idea, fact versus opinion, cause/effect logic, identifying irrelevant information, author’s point of view, and applying the author’s logic to another situation).

**Tutorials**
- [https://www.englishclub.com/reading/](https://www.englishclub.com/reading/)
- [http://www.englishmaven.org/](http://www.englishmaven.org/)
3. Math:

a). Next-Generation Quantitative Reasoning, Algebra, and Statistics (QAS)

<table>
<thead>
<tr>
<th>Content Areas</th>
<th>Number of Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rational numbers:</strong> Calculating and applying rational numbers (with or without a context), including usage of absolute value.</td>
<td>1–3</td>
</tr>
<tr>
<td><strong>Ratio and proportional relationships:</strong> Calculating with rates, ratios, and proportions (with or without a context), and using unit conversions.</td>
<td>3–4</td>
</tr>
<tr>
<td><strong>Exponents:</strong> Calculating with exponents, radicals, fractional exponents, and applying scientific notation.</td>
<td>2–3</td>
</tr>
<tr>
<td><strong>Algebraic expressions:</strong> Creating and evaluating expressions to represent situations and using properties of operations to combine like terms and identify equivalent expressions.</td>
<td>2–3</td>
</tr>
<tr>
<td><strong>Linear equations:</strong> Creating linear equations in one or two variables, solving linear equations, simplifying linear equations and inequalities, and solving systems of two linear equations.</td>
<td>2–4</td>
</tr>
<tr>
<td><strong>Linear applications and graphs:</strong> Applying linear equations to real-life contexts, using elementary linear functions to describe relationships, and graphing linear equations in two variables, linear inequalities, parallel and perpendicular lines, and systems of equations.</td>
<td>2–4</td>
</tr>
<tr>
<td><strong>Probability and sets:</strong> Calculating probability (simple, compound, and conditional), and defining sample spaces and events using set notation.</td>
<td>1–3</td>
</tr>
<tr>
<td><strong>Descriptive statistics:</strong> Interpreting graphical displays of data (histograms, box plots, and scatter plots), describing shape and spread of a sample set, and calculating measures of center.</td>
<td>1–3</td>
</tr>
<tr>
<td><strong>Geometry concepts for Pre-Algebra:</strong> Determining area and perimeter, circle area and circumference, and volume of prisms.</td>
<td>1–2</td>
</tr>
<tr>
<td><strong>Geometry concepts for Algebra 1:</strong> Creating expressions for area, perimeter, and volume, using distance formula and Pythagorean theorem, and evaluating basic geometric transformations.</td>
<td>1–2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>20</td>
</tr>
</tbody>
</table>
b) **Math: Next-Generation Arithmetic**

<table>
<thead>
<tr>
<th>Content Areas</th>
<th>Number of Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Whole number operations:</strong> Addition, subtraction, multiplication, and division of whole numbers, including order of operations, estimation and rounding, and applying operations to real-life contexts.</td>
<td>3-5</td>
</tr>
<tr>
<td><strong>Fraction operations:</strong> Addition, subtraction, multiplication, and division of fractions and mixed numbers, including order of operations, estimation and rounding, and applying operations to real-life contexts.</td>
<td>3-5</td>
</tr>
<tr>
<td><strong>Decimal operations:</strong> Addition, subtraction, multiplication, and division of decimal numbers, including order of operations, estimation and rounding, and applying operations to real-life contexts.</td>
<td>3-5</td>
</tr>
<tr>
<td><strong>Percent:</strong> Calculation with percent with or without a context, including percent increase, percent decrease, determining the percent of a number, and applying percent to real-life contexts.</td>
<td>3-5</td>
</tr>
<tr>
<td><strong>Number comparisons and equivalents:</strong> Comparisons of differently formatted values by ordering, using the number line, and using equality/inequality symbol notation; and evaluation of equivalent number statements (to assess mental math strategies).</td>
<td>3-5</td>
</tr>
<tr>
<td>Total</td>
<td>20</td>
</tr>
</tbody>
</table>

c) **Math: Next-Generation Advanced Algebra and Functions (AAF)**

<table>
<thead>
<tr>
<th>Content Areas</th>
<th>Number of Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Linear equations:</strong> Creating linear equations in one or two variables, solving linear equations, simplifying linear equations and inequalities, and solving systems of two linear equations.</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Linear applications and graphs:</strong> Applying linear equations to real-life contexts, using elementary linear functions to describe relationships, and graphing linear equations in two variables, linear inequalities, parallel and perpendicular lines, and systems of equations.</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Factoring:</strong> Factoring methods applied to quadratics, cubic, and polynomials.</td>
<td>1-2</td>
</tr>
<tr>
<td><strong>Quadratics:</strong> Creating quadratic equations in one or two variables, solving quadratic equations (via factoring or using the quadratic equation), simplifying quadratic equations and inequalities, and solving systems that involve a quadratic equation.</td>
<td>2-3</td>
</tr>
<tr>
<td><strong>Functions:</strong> Creating functions using function notation, evaluating linear and quadratic functions, graphing functions, and interpreting functions within a context.</td>
<td>2-4</td>
</tr>
<tr>
<td>Topic</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Radical and rational equations</td>
<td>Creating radical and rational equations and functions in one variable, determining domain and range for radical and rational functions, graphing radical and rational functions, and simplifying radical and rational expressions and equations.</td>
</tr>
<tr>
<td>Polynomial equations</td>
<td>Creating polynomial equations in one and two variables, solving polynomial equations, and graphing polynomial functions.</td>
</tr>
<tr>
<td>Exponential and logarithmic equations</td>
<td>Creating exponential and logarithmic equations in one and two variables, solving exponential and logarithmic equations, graphing exponential and logarithmic functions, and interpreting exponential and logarithmic functions.</td>
</tr>
<tr>
<td>Geometry concepts for Algebra 1</td>
<td>Creating expressions for area, perimeter, and volume, using distance formula and Pythagorean theorem, and evaluating dilations, rotations, translations, and reflections.</td>
</tr>
<tr>
<td>Geometry concepts for Algebra 2</td>
<td>Determining volume of non-prism objects, using intersecting line theorems, using triangle similarity and congruence theorems, and using circle equations in the coordinate plane.</td>
</tr>
<tr>
<td>Trigonometry</td>
<td>Solving trigonometric equations, using right triangle trigonometry including special triangles, evaluating equivalent trigonometric functions, graphing trigonometric relationships, determining arc length and radian measures, and using the law of sines and the law of cosines.</td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

Tutorials Math
www.khanacademy.org
www.mathwizz.com
https://accuplacer.collegeboard.org/