

Placement Test Information for JCCC Math Classes

Placement Requirements

All JCCC Math courses have a placement requirement. A high school student wanting to enroll for college credit must be enrolled in the high school class that offers JCCC college credit, AND the student must meet the JCCC placement requirements. Students generally place into JCCC Math courses using college credit for the previous class, an ACT Math score, an AP test score, or an ACCUPLACER score. Students can take an ACCUPLACER test through JCCC for free.

IMPORTANT: Before a student can enroll in a JCCC class or sign up to take a placement test, the student needs to apply to JCCC to get a student profile started. Go to admissions.jccc.edu to apply.

JCCC Course	JCCC Prerequisite Course (must be college credit)		Placement Test Scores
Precalculus	Intermediate Algebra or College Algebra with a C or better	OR	ACT Math 22 or appropriate ACCUPLACER score*
Statistics	College Algebra or Precalculus with a C or better	OR	ACT Math 23 or appropriate ACCUPLACER score*
Calculus I	College Algebra and Trigonometry both with a C or better, OR Precalculus with a C or better	OR	ACT Math 28 or appropriate ACCUPLACER score*
Calculus II	Calculus I with a C or better	OR	AP Calc AB 3 or AP Calc BC 3 or AP Calc AB subscore on Calc BC 3
Calculus III	Calculus II with a C or better	OR	AP Calc BC 3

See <https://www.jccc.edu/admissions/early-college/high-school-concurrent-enrollment/high-school-testing.html> for more placement information.

*See ACCUPLACER Test Details section at the end of this document for specific score requirements.

Placement via ACT Math Score or AP Score

If a student has a qualifying ACT Math score or AP score, he or she will need to request a placement waiver. To request a placement waiver, go to <https://www.jccc.edu/admissions/early-college/high-school-concurrent-enrollment/high-school-testing.html>, scroll down to the bottom and click on **Request Placement Waiver**.

Student Preparation for the ACCUPLACER Test

It is more important than ever for students to spend time preparing for ACCUPLACER.

- Students likely did not learn as much math as they usually would during 4th quarter last school year, and likely took a longer summer break from math than usual.
- Due to COVID-19, ACCUPLACER testing is by appointment only, and appointment spaces are limited. **Students should make an appointment for a testing time EARLY.** Go to <https://www.jccc.edu/admissions/early-college/high-school-concurrent-enrollment/high-school-testing.html>, scroll down to the bottom of the page and click on **Schedule Accuplacer Test**.
- Generally, students are allowed one ACCUPLACER retest. Due to limited testing appointment availability, a student may not be able to schedule a retest. Students should plan to do their best on their **first attempt** at ACCUPLACER.
- **ACCUPLACER does not allow calculators.** A few questions provide an on-screen calculator. Students should practice for the test without a calculator.

ACCUPLACER study materials (Important: Select Next Generation version on ACCUPLACER website.)

- Free ACCUPLACER interactive study app (for first 3 test levels – remember to select Next Generation) <https://accuplacerpractice.collegeboard.org/login>
- ACCUPLACER practice pdfs (for first 3 levels): <https://accuplacer.collegeboard.org/student/practice>
- Mometrix website (for first 3 test levels): <https://www.mometrix.com/academy/accuplacer-practice-test/>
- Trigonometry pdf (for trigonometry level only): <https://www.jccc.edu/student-resources/testing-centers/testing/files/trigonometry.pdf>

JCCC ACCUPLACER Procedures

There is no fee to take ACCUPLACER. The first semester a student takes ACCUPLACER at JCCC, the student is allowed one retest. Retests are allowed once per semester after the first attempt.

- **Due to COVID-19, testing is by appointment only, and spaces are very limited.** Go to <https://www.jccc.edu/admissions/early-college/high-school-concurrent-enrollment/high-school-testing.html>, scroll down to the bottom of the page and click on **Schedule Accuplacer Test**.
- The test will be administered in the JCCC Testing Center, on the third floor of Student Center, SC 334.
- Students will need to:
 - Bring a face-covering to be worn at all times while on campus, including during testing.
 - Bring a current official photo ID (driver's license or student ID).
 - Know or bring their eight-digit JCCC Student ID number.
- Students may bring a writing utensil and car keys. **No other items are allowed into the testing room, including phones, calculators, hats, watches, backpacks, purses, food or drinks, etc.** Lockers are not available.
- The test is multiple-choice and is not timed. Scratch paper is provided. Students should allow at least 1 hour for the math portion of the test (at least 2 hours or longer if trying to place into Calculus I).
- The student's score report will be available immediately after the test. Testing Services staff will be available to answer questions about the score report.
- If a student has a documented disability, contact JCCC Access Services for testing accommodations.

For more details about items allowed in the JCCC Testing Center and other Testing Center procedures, see <https://www.jccc.edu/student-resources/testing-centers/testing/procedures.html>

For further information or questions concerning ACCUPLACER scores or course placement, email Testing Services at testingservices@jccc.edu, or call 913-469-4439.

ACCUPLACER Test Details (see accuplacer.collegeboard.org for more information)

JCCC uses the Next Generation version of ACCUPLACER. The test has four levels.

Arithmetic: Students will not see this level unless they drop a level, but these topics may be embedded in questions in higher levels.

- Whole Number Operations
- Fraction Operations
- Decimal Operations
- Percents
- Number Comparisons and Equivalents

Quantitative Reasoning, Algebra, and Statistics: All students start in this level. Scores range 200-300. A score of at least 263 on this level is needed to place into College Algebra or Precalculus.

- Rational numbers
- Ratio and Proportional Relationships
- Exponents
- Algebraic Expressions
- Linear Equations
- Linear Applications and Graphs
- Probability Sets
- Descriptive Statistics
- Geometry Concepts

Advanced Algebra and Functions: A student must score well enough in the prior level to move up to this level. Scores range 200-300. A score of at least 226 on this level is needed to place into Statistics.

- Linear Equations
- Linear Applications and Graphs
- Factoring
- Quadratics
- Functions
- Radical and Rational Equations
- Polynomial Equations
- Exponential and Logarithmic Equations
- Basic Trigonometry

Trigonometry: JCCC uses a locally developed trigonometry test. A student must score well enough in the prior level to move up to Trigonometry. Scores range 0-10. A Trigonometry score of at least 7 is needed to place into Calculus I. For Trigonometry scores 4-6, there is an informed self-placement option. See <http://blogs.jccc.edu/math/informed-self-placement/> for more information.