



## Technical College Readiness Mathematics Frequently Asked Questions

### 1. What is the effective date when districts began to implement the course?

**Answer:** This course became effective in January 2017.

### 2. What is the purpose of the Technical College Readiness Mathematics course?

**Answer:** This course is designed to help eligible students master the content needed to attain the minimum required TCSG enrollment score of **229** on the Next Generation Arithmetic ACCUPLACER® Placement Test. The focus of this course is to help students meet the requirements necessary to enroll in the mathematics courses required for the TCSG technical college certificate or diploma they are seeking.

### 3. Who is eligible for this course?

**Answer:** This course is designed for students who need significant math support, have experienced difficulty in passing middle school mathematics End of Grade (EOG) assessments, and have struggled significantly in the first one or two high school core mathematics courses.

Technical College Readiness Mathematics can be offered as a course option for students who meet **ALL** of the following criteria:

- Have earned math credit in Coordinate Algebra/Algebra I, **and**
- Have earned math credit or are currently enrolled in Analytic Geometry/Geometry, **and**
- Score less than **229** on the Next Generation Arithmetic ACCUPLACER® Placement Test **OR** Received a Beginning Learner or Developing Learner designation on the Coordinate Algebra/Algebra I End of Course assessment.

Students who qualify according to these criteria may be offered the opportunity to take Technical College Readiness Mathematics; however, qualifying students **should not be required** to take the course, and teacher recommendations, planned postsecondary enrollments, and other factors should be carefully considered in the enrollment decision.

### 4. What are the ACCUPLACER® assessments?

**Answer:** ACCUPLACER® is an instrument designed to help college educators advise students about course selection, preparation, and opportunities for success. Find more information here:

<https://accuplacer.collegeboard.org/educator/accurate-placement>  
and <https://accuplacer.collegeboard.org/educator/next-generation>.

### 5. Which ACCUPLACER® assessment is required for this course?

**Answer:** The Arithmetic ACCUPLACER® Placement Test is required for eligibility and as a post-test.

**Note:** Per College Board, beginning on Monday, January 28, 2019, classic ACCUPLACER® tests are no longer available directly from College Board. After this time, ACCUPLACER® users were required to transition to the Next Generation placement tests. Students must score lower than 229 on the Next Generation Arithmetic ACCUPLACER® Placement Test prior to enrolling in this course. For students who have taken the classic ACCUPLACER® test, the qualifying score is any score less than 34.

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**6. Who administers the Arithmetic ACCUPLACER Placement Test?**

**Answer:** Local education agencies that opt to provide this course should administer the Arithmetic ACCUPLACER® Placement Test as a pre-test and a post-test.

**Note:** Per College Board, the Next Generation ACCUPLACER® will be provided exclusively as a tool for higher education institutions after December 15, 2019. ACCUPLACER® testing for dual enrollment courses can continue to be offered to high schools through a partnership with a higher education institution.

**7. Who will fund the Arithmetic ACCUPLACER® Placement Test administrations?**

**Answer:** Local education agencies opting to offer this course will pay administration fees for Arithmetic ACCUPLACER® Placement Test administrations.

**8. Is a course overview, curriculum map, and unit frameworks available?**

**Answer:** Hall County School District has agreed to share curriculum maps, units, and lesson plans. These resources have been uploaded to the Teacher Resource Link on SLDS.

**9. Will prospective teachers be afforded professional learning by the Georgia Department of Education?**

**Answer:** Not at this time.

**10. What are the mathematics sequence requirements for a student including this course in his/her sequence?**

**Answer:** A student should have passed Coordinate Algebra/Algebra I prior to taking this course. A student should have passed Analytic Geometry/Geometry or be concurrently enrolled in Analytic Geometry/Geometry while taking this course. **Note:** Eligible students must score lower than 229 on the Arithmetic ACCUPLACER® Placement Test (or lower than 34 on the classic Arithmetic ACCUPLACER® placement test) OR receive a Beginning Learner or Developing Learner designation on the Coordinate Algebra/Algebra I End of Course assessment prior to enrolling in this course.

**11. Will this course have an End of Course (EOC) exam?**

**Answer:** No. Technical College Readiness Mathematics will not have an End of Course (EOC) exam. While Coordinate Algebra/Algebra I and Analytic Geometry/Geometry will continue to have EOC exams, the course final exam for the Technical College Readiness Mathematics course could be the Arithmetic ACCUPLACER® Placement Test.

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**12. Will students who do not meet the minimum Technical College System of Georgia (TCSG) placement score on the Arithmetic ACCUPLACER® Placement posttest fail the course?**

**Answer:** The Arithmetic ACCUPLACER® Placement Test could be used as the course final exam, but not as the final course grade; the assessment alone does not determine course pass/fail.

**13. Is this course a core mathematics course?**

**Answer:** Yes. This course is designed as a support for students who are interested in pursuing a certificate or diploma program at a local technical college. This course can be used as a third or fourth mathematics requirement for students pursuing a general education diploma. Students pursuing the High School Postsecondary Graduation Opportunity – Dual Enrollment Option B per the 2015 Senate Bill 2 (O.C.G.A. § 20-2-149.2) can take this course in order to help them meet the required placement score to enroll in a TCSG technical certificate or diploma program. Students pursuing a regular high school diploma will need to earn course credit in Coordinate Algebra or Algebra I, Analytic Geometry or Geometry, Advanced Algebra or Algebra II, and one additional core mathematics course to satisfy mathematics graduation requirements. This is also still a requirement for dual enrollment students pursuing Option A. When determining which additional core mathematics course should be taken, students need to speak with their counselor about future plans after high school to ensure that the course taken will meet their postsecondary needs.

**14. What are the graduation pathways for students who take the Technical College Readiness Mathematics course?**

**Answer:** There are multiple graduation pathways available for students who take the Technical College Readiness Mathematics course:

1. **General High School Diploma and Dual Enrollment Option A:** All students pursuing a general education diploma will need to satisfy the mathematics course requirements outlined in the [Georgia High School Graduation Requirements](#) (160-4-2-.48) or complete Foundations of Algebra, Algebra I or Coordinate Algebra, Geometry or Analytic Geometry and TCRM will satisfy admission requirements for the Technical College System of Georgia.
2. **Dual Enrollment Option B:** Students pursuing the High School Postsecondary Graduation Opportunity – Dual Enrollment Option B per the 2015 Senate Bill 2 (O.C.G.A. § 20-2-149.2) **do not** need to meet the four mathematics requirements outlined in the Georgia Graduation Rule; these students will need to complete two high school mathematics courses (Algebra I or Coordinate Algebra **and** Geometry or Analytic Geometry) and meet all other requirements outlined in the TCSG TCC, diploma, or degree programs per this alternative option.

It is the responsibility of local school districts to place students in appropriate courses to meet graduation requirements. Local school districts have the flexibility to make decisions regarding appropriate math course placement based on the individual needs of students. It is important to clearly communicate that this course only prepares students for the placement score needed to enroll in the TCSG mathematics courses required for technical college diploma and certificate programs.

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### 15. Will this course meet diploma requirements for the military?

**Answer:** Yes. However, please note that each branch of the U.S. Military (Army, Navy, Air Force, Marines and Coast Guard) has different entrance requirements and career paths that require a baseline understanding of Algebra II and Advanced Algebra. Those skills are essential to increasing a potential service member's performance on the Armed Services Vocational Aptitude Battery (ASVAB) test and their future advancement opportunities after being gained by their respective service branch. Districts should ensure that students are properly advised of the requirements for each branch of service. For more information on how to properly advise students on educational requirements for each branch of service, please visit <https://www.todaysmilitary.com/joining/entrance-requirements> or contact the Service's recruiting command.

### 16. Does taking this course impact National Collegiate Athletic Association (NCAA) requirements?

**Answer:** It is highly probable that NCAA will not recognize this course as meeting their mathematics requirements. Please investigate each case individually with NCAA. NCAA requires students to complete 16 core courses, including three years of mathematics (Algebra 1 or higher). It is up to each local school to submit courses offered at the school for NCAA eligibility through their approval process. More information can be found here: [NCAA Approval Process](#).

### 17. Is Technical College Readiness Mathematics approved by the University System of Georgia (USG) to count as one of the 4 required math units for USG's Required High School Curriculum?

**Answer:** No. The University System **has not** approved Technical College Readiness Mathematics to count as one of the 4 math units required for admission to a USG institution. To learn more about math unit requirements for admission to a USG institution, please review the USG's Staying on Course document at [http://www.usg.edu/assets/student\\_affairs/documents/Staying\\_on\\_Course.pdf](http://www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf).

### 18. Will this course support admission to Technical College System of Georgia (TCSG) certificate and diploma programs?

**Answer:** Yes. This course is designed to support students in meeting entry-level TCC and Diploma mathematics placement score requirements for the mathematics courses required in the TCSG technical certificate and diploma programs, including a 229 minimum score on the Arithmetic ACCUPLACER® Placement Test. Students would need to complete all TCSG diploma admission requirements for admission eligibility.

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**19. Will this course support placement into courses required for associate degree programs within the Technical College System of Georgia (TCSG)?**

**Answer:** No. However, students who complete this course and obtain a minimum score of 245 on the Next Generation Quantitative Reasoning ACCUPLACER® Placement Test, obtain a score of 57 on the Classic Elementary Algebra ACCUPLACER® Placement Test, meet alternative TCSG placement requirements, or complete certain identified technical college courses could become qualified for TCSG degree programs. The Technical College Readiness Mathematics course is designed for students who (1) need significant math support in order to make the minimum placement score for TCCs and diploma options at a TCSG institution and (2) are pursuing a Technical College certificate or diploma. Admission to a Technical College System of Georgia (TCSG) institution is a multi-step process which consists of evaluation of prior academic experience and assessment for postsecondary readiness of eligible applicants. Additional information related to TCSG admissions requirements can be found here: <https://tcsq.edu/tcsqpolicy/files/6.2.1p.pdf>.

**20. Is the course appropriate for students who might eventually matriculate to University System of Georgia (USG) post-secondary institutions?**

**Answer:** The Technical College Readiness Mathematics course is designed for students pursuing a Technical College certificate, diploma, or associate degree program. Students who successfully complete TCCs, diplomas, or degrees that include articulated courses at a TCSG institution may transfer those courses to a USG institution. Admissions requirements for the University System of Georgia (USG) post-secondary institutions vary based on the institution. The USG's Staying on Course document found at the following link provides additional details about USG admissions requirements [http://www.usg.edu/assets/student\\_affairs/documents/Staying\\_on\\_Course.pdf](http://www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf).

**21. Will the effectiveness of this course be evaluated?**

**Answer:** Yes. The Governor's Office of Student Achievement (GOSA) will analyze the course effectiveness and report to the Georgia State Board of Education annually.