

College Readiness Mathematics 2021-2022

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Room 219

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Course Description

College Readiness Mathematics is a fourth course option for students who have completed Algebra I or Coordinate Algebra, Geometry or Analytic Geometry, and Algebra II or Advanced Algebra, but are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors. The course is designed to serve as a bridge for high school students who will enroll in non-STEM post-secondary study and will serve to meet the high school fourth course graduation requirement. The course has been approved by the University System of Georgia as a fourth mathematics course beyond Algebra II or Advanced Algebra for non-STEM majors, so the course will meet the needs of college bound seniors who will not pursue STEM fields.

Course Prerequisites

This course is for students entering 12th grade, who have passed the Algebra I and its EOC, Geometry, and Algebra II, and are planning to attend a postsecondary institution.

GSE Standards

The course standards can be found at <https://www.georgiastandards.org/Common-Core/Pages/Math-9-12.aspx>.

GSE College Ready Mathematics Units

Unit 1: Algebraic Expressions

Unit 2: Equations

Unit 3: Measurement and Proportional Reasoning

Unit 4: Linear Functions

Unit 5: Linear Systems of Equations

Unit 6: Quadratic Functions

Unit 7: Exponential Functions

Unit 8: Summarizing and Interpreting Statistical Data

Suggested Supplies

Supplies: Casio FX-115 ES Plus Calculator notebook for notes paper pencils

Grading

This is a lecture-style course where students are expected to take notes and complete daily assignments. The teacher will provide several examples for the students to follow and provide time for guided practice during class. The students are expected to complete every assignment, and review their work on a daily basis. The students should be prepared for quizzes given at the teacher's discretion. No late assignments will receive credit. **Assignments are graded on a random basis. This is meant to prepare you for college where few if any homework grades are given.**

Final Grade = 40% Practice Work

40% Assessments

20% Final Exam

Grading Scale:

A = 90-100

B = 80-89

C = 74-79

D = 70-73

F = 0-69

Infinite Campus: Grades will be uploaded to Infinite Campus, on a regular basis. Each student will have a log-in. Parents are encouraged to have a log-in as well. Students and parents are strongly encouraged to monitor mastery of standards on a regular basis. Parents will be contacted by their child's teacher if his/her math grade falls below 75. Parents may contact the school's counseling office to set up a parent-teacher conference.

Classwork/Home work/Quizzes (Practice work) :

Warm-up and class or homework assignments will be made daily and are designed to help students understand, practice and apply the standards prior to being formally assessed on the standards. Quizzes over one to three elements of the standards will be given. They should be used as an indication of whether further assistance is needed on a standard/topic. Warm-ups and homework will be checked for completion every day they are assigned.

Tests (Assessments):

The course standards will be mastered through the completion of tasks and related practice. Unit tests over multiple standards will be given about every two to three weeks.

Semester/Course Exam

Students will take the College Readiness Final Exam over all of the units in the course and it will count as 20% of course average.

Notebook:

Notebook should contain the course syllabus, unit plans, and all notes and assignments completed from each unit. It will be helpful to use dividers to separate your units. Your notebook should be updated and brought to class every day. It will be an essential tool as you begin to prepare for the course exam.

Make-up Procedure: (Per student handbook)

It is the student's responsibility to arrange for make-up work. The number of days allowed to complete make-up work will be one day for each day absent, unless determined otherwise by the principal. Failure to comply with this make-up procedure will result in a zero (0) being given for work and graded assignments missed during an excused absence.

Tutoring:

Tuesdays: 3:30 pm -4:15 pm

Policies and Procedures

- ∞ Students are expected to be on time and prepared for every class.
- ∞ The student is expected to be in his/her seat when the bell rings and be ready to work.
- ∞ The only electronic devices allowed to be used during class are chrome book and calculator. Cell phones are not to be used as calculators. Cell phones and electronic devices are to be put away when entering the classroom.
- ∞ It is the student's responsibility to find what they missed if/when they are absent.

- ∞ The only time a student is allowed to sleep or lay his/her head down in class is after a quiz or test. If the student is too ill to sit up and participate, they will be given a pass to the clinic.
- ∞ No food or drink other than water is allowed in the classroom.
- ∞ Foul language is not permitted in the halls or the classroom.
- ∞ Restroom passes are given as needed.