

College Readiness Mathematics

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Veterans High School

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Supplies

Loose-leaf Paper
Folder
Pencil & Eraser
TI-30XS Multiview Calculator
TI-84+ Graphing Calculator (Optional)

Textbook

Textbooks will not be issued to students for this course. Your notes will be your primary resource.

Chromebooks

All students are issued a district-provided chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher.

Course Description and Outline

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. College Readiness Mathematics focuses on key content and practice standards to ensure that students will be ready for post-secondary academic courses and career preparation in non-STEM fields. The course will revisit and expand the understanding of content standards introduced in earlier mathematics courses and will emphasize numeracy, algebra and functions, geometry, and statistics in a variety of contexts.

Standards

You can find a list of all standards for College Readiness Mathematics at

<https://www.georgiastandards.org/Georgia-Standards/Frameworks/College-Readiness-Standards.pdf>

Course Outline

Unit 1	The Real Number System, Polynomials, & Factoring	Unit 7	Complex Numbers
Unit 2	Rational & Radical Expressions	Unit 8	Systems of Equations
Unit 3	Solving Linear, Absolute Value, & Quadratic Equations	Unit 9	Matrices
Unit 4	Solving Radical, Rational, & Exponential Equations	Unit 10	Parabolas & Circles
Unit 5	Graphs of Linear, Absolute Value, & Exponential Functions	Unit 11	Ellipses & Hyperbolas
Unit 6	Graphs of Quadratic, Cubic, Rational, & Radical Functions	Unit 12	Right Triangle Trigonometry

Grading Procedures

Major Assessments	45%
Minor Assessments	20%
Daily Work	15%
Final Exam	20%

This course includes a cumulative exam at the end of each semester.

You can check your grade anytime during the semester on Infinite Campus. Progress reports will be sent out at 6-week intervals.

Homework

Students are expected to attempt each problem to receive full credit (100). If homework is not completed, a zero will be assigned. Students can make up the assignment at which point the zero will be replaced. **Students are limited to 3 homework make-ups per semester. Failure to do homework will result in poor performance in this class.**

Quizzes

Quizzes will be given frequently to assess student progress.

Tests

There will be 1-2 test grades per unit to assess a student's mastery of the standards for that unit.

Tutoring

Tuesday & Thursday 3:05-3:35 in room 2201

Make-up Procedures (for absences from school)

1. Students are responsible for getting & making up any/all missed work.
2. If a test or quiz is missed, it must be made up before or after school.
3. A test or quiz must be finished in **one** visit.

Teacher Expectations

1. Be on time to class.
2. Follow all handbook rules; be respectful.
3. Be prepared to learn, including bringing all school supplies every day!
4. Absolutely no food, drinks (except water in a clear bottle with top), or gum in the classroom.

Classroom Consequences

1. Reminder of classroom expectations
2. Teacher Detention and/or Parent Notification
3. Office Referral

Google Classroom

To encourage blended learning, Google Classroom will be used on a weekly basis. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time. If there are technology limitations, please notify the teacher.

As defined by Dictionary.com, **cyberbullying** is *"the act of harassing someone online by sending or posting mean messages."* Please keep in mind that Google Classroom communication system is designed to work as an extension of the classroom; therefore, anything done on the site through the access of a school course group will be treated the same as if it were said aloud in the classroom. Inappropriate comments or use of the site can result in disciplinary action.

VHS Test Retake Policy

Students will have the opportunity to retake **TWO** End-of-Unit tests given in this class over the course of the semester (excluding the final exam). Retakes **will not** be offered for the following: tasks, homework, and quizzes given throughout the course of each unit.

In order to RETEST a student must complete the following steps:

1. Complete test corrections on Retake Contract (**MUST ALL BE CORRECT**)
2. Attend at least 1 tutoring session with test corrections

Once the steps above have been completed, the student will be eligible to take an alternate version of the test during the designated time outside of normal school hours. All retake completion dates will be announced on the day original tests are returned, and will be a minimum of 5 school days from that date. If this retake grade is higher, it will replace the original Unit Test grade in the calculation of the average.

Bathroom Policy

Students are expected to use the restroom in between classes. Passes will not be issued during instructional time. Students are expected to be in the classroom where learning takes place.

Important Point

Please don't be afraid to ask questions in class! There are no stupid questions. Your success is my priority! Let's have a great year! 😊

Mrs. Martin
College Readiness Math

By signing below, I acknowledge that I have received, read, and understand all the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, calculators, and tutoring information in the syllabus for the College Readiness Math course.

Parent/ Guardian, please include your email address and the single best phone number at which to contact you between 7:15-3:30.

Student Name (Print) _____ Period _____

Parent/Guardian Name _____ Number _____

Parent/Guardian E-mail Address _____

Parent/Guardian Signature _____

Student Signature _____