

Math Course Descriptions

Chiles High School



Students are required to obtain 4 math credits to graduate from high school. Below you will find every math credit course offered on campus. With it is a description of the students who should be taking the course. The courses with a @ are offered at both the regular and honors levels. Teacher recommendation is required to be placed in the honors level.

- **Algebra 1** is the first required high school math credit. All students must take Algebra 1 and beginning with the freshman class 2011-2012 they must also pass the EOC exam.
- **Algebra 1a and 1b** is an option for students earn 2 math credits while meeting the state requirement of Algebra 1. Students taking Algebra 1 this way will take the EOC exam at the end of the second year.
- **Geometry(@)** is the second required high school math credit. All students must take it beginning with the freshman class of 2010-2011 and the EOC exam score will count 30% of each semester grade.
- **Math for Data & Finance Literacy** is a new course beginning the 2022-2023 school year. Both Algebra 1 and Geometry are pre-requisites.
- **Algebra 2(@)** is for students who have credit in both Algebra 1 and Geometry ... have passed both EOC exams.
- **Math for College Algebra** is for students with Algebra 2 credit, or students with Algebra 2 Honors credit who obtained average to below average grades. *This is not a dual enrollment course.*
- **Pre Calculus**(honor credit) is for students with Algebra 2 Honors or Advanced Topics in Math credit and above average 9 weeks grades
- **Probability and Statistics** (honor credit) is a new course beginning the 2022-2023 school year. Pre Calculus is a pre-requisite or co-requisite. (This *cannot* be taken as a single course unless the student is a senior.)
- **Math for College Liberal Arts** will be a new course beginning 2023-2024, or 2024-2025.
- **FAMU Liberal Arts Math and College Algebra** are dual enrollment courses. Only seniors are eligible to take dual enrollment courses. Students must have a qualifying dual enrollment *FPERT/ACT/SAT score, a GPA of 3.0 un-weighted and fill out a Chiles Dual Enrollment Application.
Note: This course is inappropriate for students who already have credit in Pre Calculus, Math Analysis, or Calculus. These students would most likely have a high enough SAT/ACT/CLEP score to earn college credit for College Algebra.
- **AP Statistics** is for students with Algebra 2 credit and math teacher recommendation.
- **AP Calculus AB** is for students with Math Analysis and Analysis of Functions credit and math teacher recommendation or straight A's in Pre Calculus with teacher recommendation.
- **AP Calculus BC** is for students with AP Calculus AB credit and teacher recommendation.

*Qualifying scores to take Dual Enrollment Math: **math section** FPERT (123),ACT(21), SAT(530)