



Pearland ISD in partnership
with Alvin Community College

COLLEGE PREPARATORY MATHEMATICS COURSE SYLLABUS



Coach Weaver

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Course Description: College Preparatory Mathematics is a hybrid (online and in class) senior level course in partnership with Alvin Community College. This course is intended to prepare students for success in an entry level college mathematics course. Use of a 4-function calculator is allowed in this course when indicated, including the semester examination.

Course Prerequisites: Algebra 2

Objectives: Students will be able to understand topics that include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations, rational expressions, factoring techniques, radicals, algebraic fractions, complex numbers, graphing linear equations and inequalities, systems of equations, graphing quadratic equations and an introduction to functions.

Course Resources:

Course Textbook: Beginning and Intermediate Algebra, Sixth Edition, Elayn Martin-Gay

Online Resources: Teams; Canvas; MyLab Math

Communication: The three main channels of communication are email, teams and canvas. Students and parents with specific questions or concerns are encouraged to email, a response should be received in 48 hours. If a phone call is preferred, please email first to set up a time to meet by phone. Students will need to check Canvas daily for the class calendar, announcements, assignments and other updates.

Remote Office Hours and Tutorials: The Tutorials will be announced

Electronic Device Policy: During Instructional times, cell phones are prohibited. Please refer to the school policies for specific information.

Food & Drink Policy: Food and Drinks are prohibited in the classroom.

Assessments, Course Grade & College Readiness:

A student's course grade will determine college readiness based on the following criteria:

- Daily grades will account for 40% and Major grades will account for 60% of a student's course grade
- Homework is assigned (daily) via (MyMathLab). Students have multiple attempts to correct homework.
- Homework is due the day it is assigned before mid-night.
- When re-testing any assessment, student must have a completed review and the assessment score is limited to a grade of 70.
- A semester exam will be given and account for at least 20% of the final average.
- If a student receives an overall course grade of at least 70, then the student will earn the TSI exemption and be eligible to enroll (within a 24-month period) in an entry-level college mathematics course.

Policies:

- Students are responsible for any missed work – notes will be available through Canvas.
- Late work will be accepted until the test over the material. One day late the score is limited to a grade of 85 and two days late the score is limited to a grade of 70.
- Cheating/Academic dishonesty is unacceptable and will result in a grade of 0 and disciplinary action.