



900 Med High Dr. Mercedes, TX
956-565-4620

Credits per Semester	.5 credit per semester
Instructor	Instructor: Patrick Montague Conference Period: 3A and 4B Email: Patrick.montague@stisd.net
Course Description/Objectives	<p>Algebra II covers the review of basic algebra expressions, equations functions, linear equations, linear functions, systems of linear equations and inequalities, exponents and exponential functions, quadratic expressions and equations, polynomial functions, radical functions, and rational functions and rational equations.</p> <p>First Semester Major Topics: Expressions, Equations, and Functions Linear Equations Linear Functions Equations of Linear Functions Linear Inequalities Graphing Inequalities Quadratic Functions</p> <p>Second Semester Major Topics: Systems of Linear Equations and Inequalities Exponents and Exponential Functions Quadratic Expressions Quadratic Equations Radical Functions and Equations Rational Functions Rational Equations</p>
Required Instructional Materials	3-ring binder; loose-leaf paper or spiral notebook or Composition Notebook; #2 pencil (mechanical is recommended); a graphing, scientific calculator (TI-84 Plus Silver Edition, or equivalent) is <u>strongly</u> recommended for use in this and subsequent mathematics courses as well as in various science and technology classes. Internet access and a device capable of accessing the online material.
Instructional Methods	Lectures, multimedia elements, class discussions, projects, individual assignments, cooperative learning, etc.
Grading Procedures	The academic year is divided into four quarters or nine-week periods.



900 Med High Dr. Mercedes, TX
956-565-4620

	<p>The weight for each nine-week period will be 37.5 percent and the semester exam will weigh 25 percent.</p> <p>There will be a minimum of 3 grades per student during each three weeks progress report grading period, as per district guidelines.</p> <p>This course will be comprised of 3 grading categories: Major Assessments 50%, Minor Assessments 30%, and Daily Work 20%.</p> <p>What constitutes major, minor, and daily work is determined per course. [Examples: major assessments= test, project; minor assessments=quiz, engineering notebook; and daily work= notes, maps, homework]</p>
Cell Phone and Technology Policy	<p>Students are allowed to bring their own technology devices (laptops, iPads, tablets, etc.) to school. Use of these devices in the classroom is at the discretion of the teacher. Science Academy is not responsible for lost, damaged, or stolen devices.</p>
Assessments	<p>Frequently during the year, formative assessments will be given. These will be in the form of homework, written or oral quiz, readings and discussion, student writing, or tests. Feedback will be given on all formative assessments.</p> <p>The formative assessments are critical to learning because they provide feedback as to what essential learning we will focus on next. They will help influence and shape the process of learning while we still have time to improve before test or grades are given.</p>
Retesting Procedures	<p>Retests will be available to students upon receiving a failing grade. There may be prerequisites set by the teacher. The time and date for all retests is determined by the teacher. Any retesting assignment must be completed within one week of an excused absence.</p>
Homework & Late Assignments	<p>All assignments are due at the designated time. Homework is due at the beginning of the class hour.</p> <p>Late assignments due to absences: If a student is absent the day an assignment is due, the student shall receive a due date for the next class meeting. Assignments submitted electronically are due before the beginning of class time on the scheduled due date. Students who are absent on the day an assignment is given will need to turn in the assignment within the same time frame originally set by the teacher. Work turned in during this time shall receive full credit.</p> <p>Late assignments not due to absences: Late assignments should be turned in within a one-week period, but a deduction of 10 points will be applied per day (not class period).</p>



900 Med High Dr. Mercedes, TX
956-565-4620

--	--

***All district guidelines/policies supersede campus guidelines/procedures/systems.**