AAEC Estrella Mountain Campus Teacher: Haley Sheahan

**Algebra 1-2 – Syllabus (9th grade)** Room: 403

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**Course Description:**

This course is meant to build on the knowledge and skills students received in their previous course of Pre-Algebra. This is a required course for students to move onto Geometry next year, and ultimately continue to earn all necessary mathematics requirements for graduation. In this course we will further explore the foundations of Algebra including topics of number systems, solving, graphing, writing equations and inequalities, systems, exponents, radicals, polynomials, and quadratics.

**Supplies – What to bring to class each day:**

* Homework (obviously!)
* Spiral Notebook/Folder/Binder (we will take notes everyday)
* Lined Paper (if using folder/binder)
* Graph Paper (you can leave this in the classroom if you wish)
* Pencils (**NO HOMEWORK IN PEN!**)
* Pens/Highlighter (notes may be in pen/color coded)
* Whiteboard marker (we will use the personal whiteboards often)
* Calculator (a Scientific calculator will work for this class, but you will need a

Graphing calculator for your next math class, so you can get one now if you’d like - **TI**-83 or higher or **Casio**-fx 9750GII or higher)

**Classroom Expectations:**

* Students will respect everyone and everything in the classroom
* Students will have positive classroom engagement and create an environment of trust and integrity
* Students will hold themselves to high standards
* Students will come to class each day with an open mindset
* Students will ask questions when needed and pursue knowledge without fear of failure
* Students will come to class each day prepared with all materials and ready to learn
* Students will take notes on a daily basis
* Students will be assigned homework on a daily basis and will turn in homework on time
* Students will use all given class time wisely and remain on-task until the end of the period
* Students will raise their hand before speaking and be attentive listeners when others are speaking
* Students will not use any electronic devices in class unless otherwise permitted by the teacher

**Assessments:**

* Homework will be assigned on a daily basis
* Quizzes will be given throughout each unit, planned and un-planned
* Unit study guides will be given before each unit test, likely with an in-class study day to work on them and ask any unanswered questions
* There will be a test at the end of each unit
	+ There will be NO RETAKES, so you must be prepared for tests
	+ You will have the opportunity to complete test corrections for one test per quarter so long as full credit has been received on ALL homework assignments up to that point
* Other assignments and/or projects may be assigned at the teacher’s discretion with clear directions and a specified due date
* A cumulative midterm will be given at the end of the first semester
* An end of the year final exam will be given at the end of the second semester, worth 20% of your grade

**Absent/Late/Missing Work:**

* If students are absent, it is their responsibility to identify the missed assignment and receive any notes taken in class from a friend
* Absent students are given as many days as they were absent to make-up work missed during days of absence
* Late or missing work may be turned in for partial credit up to the end of the quarter it was assigned in, otherwise it will remain zero credit

**Grading Scale:** **Grade Breakdown:**

|  |  |
| --- | --- |
| A | 90% - 100% |
| B | 80% - 89% |
| C | 70% - 79% |
| F | 69% and under |

|  |  |
| --- | --- |
| 55% | Tests  |
| 15% | Quizzes |
| 10% | Homework |
| 20% | Final Exam |

\*students must pass with a C or above

\*students who earn a 60% - 69% are eligible for summer school

\*students who earn below a 60% must retake the class the following school year

**Contact Information:**

I am happy to communicate with you at any point throughout the year. Please do not hesitate to email me if you or your student has any questions.

Email: hsheahan@aaecshighschools.com

Students may also contact me through the Remind app set up for each class period, or visit my website for helpful information such as answer keys or web links about topics.

Website: [www.mathwithmssheahan.weebly.com](http://www.mathwithmssheahan.weebly.com)