**Syllabus:**  College Algebra

**Instructor Information**

Name: Teresa Kuhn

Room 10

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**Supplies**

3-ring binder with loose-leaf paper (No spiral notebooks please)

Pencil and erasers

Supplies for projects as needed

Optional: A Scientific Calculator (preferably a TI graphing calculator)

**Student Learning Outcomes for the Course**

Upon successful completion of this course, student will:

1. Demonstrate understanding and knowledge of properties of functions, which include domain and

range, operations, compositions, and inverses.

2. Recognize and apply linear, polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.

3. Apply graphing techniques.

4. Evaluate all roots of higher degree polynomial and rational functions.

5. Recognize, solve and apply systems of linear equations and inequalities.

**Student Requirements for Completion of the Course and Due Dates**

There is a 5 day window **after** the due date in which to complete each homework assignment. Scores are automatically **reduced 10% per day** beyond the due date. There is a 5 day window for taking chapter tests after the due date for students who are absent. ALL work is due by the last regular class date.

Daily work – Work will be assigned for each class period.

Tests – There will be multiple TSI/ACT practice tests 1st semester and 5 chapter tests 2nd semester.

 Semester Tests – Each student must pass the TSI or be TSI exempt at the end of the 1st semester.

 There will be a multiple choice comprehensive final exam given the last week of

 the second semester in our regular classroom.

 **Student Assessment**

You have opportunity to earn points in the following areas. Your final grade for your high school transcript will be determined by the corresponding percentages.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  Daily work | Daily work | 40% |
|  | Tests | 60% |
|  |  |  |

 Six Weeks Grade = 0 .4\*daily work average + 0.6\*Test average

Semester Grade = 0.3\*1st six week average +0.3\*2nd six week average + 0.3\*3rd six week average + 0.1\*semester test grade.

Final Grade = 0.5\*1st semester average + 0.5\*2nd semester average

**Please see the accompanying syllabus for TC to be aware of the grading policy for the college and the final grade and percentages for your college transcript. They are not the same as the above.**

**Grading Scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** 90-100 | **B** 80-89 | **C** 70-79 | **D** 60-69 | **F** 59-below |

**Test Policy** –A student may retake any quiz or test within 1 week of the test administration **after** seeking additional instruction. This instruction will include correcting the previous test and/or completing an additional worksheet for practice. The original test score and the retake score will then be averaged together and the average will be placed in the grade book for that test. **Exception-**If the average of the tests is less than 70 but the second test is 70 or more, a 70 will be recorded in the gradebook for the test.

 **Calculator Policy** – Each student will be assigned a calculator for in-class use after a calculator–policy sheet has been signed by the student and a parent/guardian and returned to me. As these calculator will not be checked out for home use, there will be access to a free on-line calculator at Desmos.com as well as calculator apps that can be downloaded to various types of smart phones. If you feel that your child needs at-home access to a graphing calculator, then I suggest a TI-84 CE graphing calculator that can be purchased at most local retail stores.

**Calculator/Chromebook Policy**

I agree that it is my responsibility to return any calculator/chromebook I use in good condition at the end of the class period. I understand that I will be responsible to pay the replacement cost of the calculator/chromebook if I fail to return the calculator/chromebook in the same condition it was in when I received it. I understand that if the calculator/chromebook is damaged or stolen this fine will be assessed against me and if I fail to bring the cost of the calculator/chromebook that my records and diploma will be held by the school until such time as the fine is paid in full.

**Please sign below stating your agreement to and understanding of this syllabus and calculator/chromebook policy and turn it back in as soon as possible.**

Student signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**This document will be available at all times on Mrs. Kuhn’s teacher webpage on the school website and in your child’s google classroom for this course.**