**Algebra 1 2019-2020**

**Mr. Chris Fischer**

**Room 155**

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***\*The instructor reserves the right to alter anything within the syllabus as the year progresses.***

**Course Description-** The curriculum includes the topics of the language of Algebra, polynomials,

equations & inequalities (setting up & solving), graphing (linear, quadratic, absolute value equations), graphing functions, writing linear equations, solving system of equations, statistics & probability, and solving quadratic equations. All areas will be applied to real-life application problems.

**Learning Outcomes**

Understand number operations and relationships

Simplify algebraic expressions

Solve algebraic equations and inequalities

Understand, graph, and create linear/non-linear relations and functions

Solve systems of linear equations and inequalities

Perform operations involving exponents and roots

Perform operations with polynomials

Perform operations and graph quadratic and exponential functions

Analyze data using principles of statistics

**Supplies-** Each student should bring the following items to class each day

1. Notebook
2. Pencil/eraser **(pen will not be accepted)**
3. Textbook (***replacement charge is $10.50)***
4. Folder
5. Student Handbook
6. Chromebook (*CELL PHONES MUST BE KEPT IN LOCKER OR PLACED IN CLASSROOM ORGANIZER AT ALL TIMES)*

**Class Expectations-**

1. **BE ON TIME & READY!!!**

2. **BE RESPECTFUL!!!**

3. **HAVE FUN!!!!!!!!!!!!!!!!!**

***Positive Attitude + Effort = Performance***

* **Attendance-** I will follow the school policy on absences. If you are absent YOU are responsible for all missed work. Assignments will be listed in the classroom. Be careful of TARDINESS as it will not be tolerated. You are expected to be in your seat when the bell rings.

**Grading Scale**-

A 93-100% C 73-76

A 90-92 C- 70-72

B+ 87-89 D+ 68-69

B 83-86 D 66-67

B-       80-82 D- 65

C+ 77-79 F 64 ![C:\Users\chfischer\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8AZ6YI67\Down_Arrow_Icon[1].png]()

* Grades will be calculated based on performance on tests, quizzes, homework and an occasional project with the following percentage weights. ***Students who are performing below 70% will be required to attend remediation sessions during Advisory (9:34-10:03) on Tuesdays and Thursdays until that benchmark has been reached.***

***QUARTER GRADES***

* **15% Formative Assessments (homework…will be graded most days, in a variety of ways)**
* **85% Summative Assessments**
	+ **35% Skill Checks/Unit Quizzes**
	+ **50% Unit Tests/Project**

***SEMESTER GRADES***

* **45% Q1 or Q3**
* **45% Q2 or Q4**
* **10% Semester Exam**

***Skill Checks***

Skill Checks are designed to reinforce mathematical skills learned in prior courses or previous units. They will be designed to be successfully completed within 10-15 minutes (8-15 questions). They will be graded as a summative assessment (35%) and there are UNLIMITED RETAKES (basically until grade is satisfactory).

***QUIZ/TEST RETAKE PROCEDURE***

Students are allowed 1 retake per quiz or unit exam, regardless of the score on the first assessment. Two conditions must be met. First, the student will have successfully scored 80% or greater on the formative assessments from the unit. Second, the retake must be completed prior to taking that next unit exam. ***THE RETAKE ASSESSMENT WILL BE THE NEW SCORE***

***Cheating***

Students who are caught cheating during grading will be given a ZERO for that assignment and may be subject to further punishment. Cheating on quizzes, tests, and/or projects will result in point deductions or a zero. The involvement of school administration may also take place and further penalties should be expected.

***Homework (Formative Assessments)***

Homework (both online and traditional) will be graded using multiple methods. The method of grading will be chosen at random (using a random generator) the day the assignment(s) are due (usually, the day after it has been assigned). The amount of points daily assignments will be worth will vary (anywhere between 5-20 points). Larger assignments such as unit reviews may be worth more. Late work will be accepted until the unit test has been given.  A deduction of 1 point per day will occur until the assignment is turned in.  After the next test has been administered, the most a student will receive is 50% of the total points. Deductions will then be made based on the amount complete. No matter how late the assignment, it always will be better than a zero. ***HW must be done in pencil!*** Pen will not be accepted.

* ***GRADE ALL\****- all problems will be graded on correctness (worth 1 point per problem assigned)
* ***GRADE RANDOM\****- 5-20 assigned problems will be chosen, at random, using multi-sided dice, and graded on correctness (worth 1 point per problem graded)
* ***GRADE COMPLETE\****- all problems will be graded on completeness (assignment scaled to 10 points)
* ***TEACHER PICK\****- 5-20 assigned problems will be chosen, by the teacher, and graded on correctness (worth 1 point per problem graded)
* ***GROUP GRADE***- Students will be divided into small groups and given a problem(s) from the assignment. Each group will be asked to solve the problem on the whiteboard and then explain how they achieved their final answer. Based on their answer and explanation, each member of the group will receive the same grade (5-10 points). COLLABORATION IS KEY
* ***HOMEWORK QUIZ***- 5-20 assigned problems will be chosen, by the teacher, and graded on correctness (worth 1 point per problem graded). Each student will be asked to copy down their answers from their workbook onto a separate sheet of paper and turn into the teacher

***\*NOTE\**** Methods with a \* will require the students to grade their own work or have a trusted peer grade their work. I understand that confidentially could be an issue, but these are FORMATIVE ASSESSMENTS (designed to check each student’s progress within the unit topics). Each student has the option of grading themselves of passing their work to another student. In either case, cheating (copying answers, changing answers, etc.) will not be tolerated.

***In the case when a student is absent and misses the day an assignment is graded, the assignment missed must be turned into Mr. Fischer immediately upon returning to school. Mr. Fischer will then GRADE ALL problems and then scale the score depending on the amount of points it is worth.***

**I have read this syllabus.  I understand what Mr. Fischer expects from each student and I plan to do to my best to ensure that each student reaches their potential.  I will put forth my best effort to make sure expectations are met. Any questions, comments, or concerns, fell free to contact Mr. Fischer via phone call and/or email.**

**Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_**

**Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent/Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**