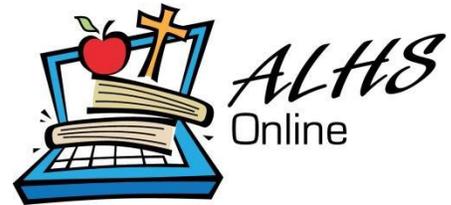# Algebra 1
Course Syllabus 2020-2021

Instructors: Emily Grunwald, timmerer@mlc-wels.edu
Cell phone: 608-359-3662

Emily Schafer, friendee18@gmail.com
Cell phone: 920-427-0551

Grade Level: 7-9
Course Length: 2 semesters
Credit: 1 (see policy at end of syllabus)
Prerequisites: Pre-Algebra skills are a must. Grades of B or higher would be favorable. Students also must have the ability to be responsible for their work, to follow directions carefully, to do assignments in order (since Algebra builds on previous skills), and to have a decent work ethic that enables them to be successful. Students must be willing to put in the time and effort required for a high school level course.

Description:
Algebra is a two-semester course for those students who have demonstrated mastery practical math and pre-algebra. It is designed to further develop basic algebraic problem solving skills and mathematical reasoning. This course provides a basis in the study of exponents, linear equations and functions (including graphing), quadratics, polynomials, as well as other skills necessary for success in geometry and advanced algebra.

Course Outcomes:
During the course, the student will learn about:
1. the order of operations as it pertains to exponents, powers, equations, problem solving, and mathematical reasoning
2. solving and writing inequalities
3. solving, writing, and graphing linear equations and functions
4. solving and using systems of equations and inequalities
5. exponents and exponential functions
6. solving and factoring polynomials
7. solving, graphing, factoring, and using quadratic equations and functions
8. operations with radical expressions and solving radical equations
9. rational expressions, equations, and functions

Course Outline:
Foundations for Algebra
Solving Equations   Exponents and Exponential Functions
Solving Equations   Polynomials and Factoring
An Introduction to Functions   Quadratic Functions and Factoring
Linear Functions   Radical Expressions and Equations
Systems of Equations and Inequalities   Rational Expressions and Functions

Required textbook: Algebra I,   Pearson/Prentice Hall © 2011 Authors: Randall I. Charles, Dan Kennedy, and Basia Hall   ISBN: 0133185486   This textbook ISBN number should correctly direct you to the **Common Core edition.**

Other Course Materials:
1. Scientific calculator *example: TI-30.*
2. Computer
3. Internet
4. Scanner *for uploading daily assignments, saving them as pdfs and submitting through Moodle*   OR
5. Camscanner – *a free app which allows you to create pdfs from a phone or device. This is allows students to scan and submit work from anywhere.*
6. Paper and writing tools

Evaluation & Grading Scale:
Daily practice will be graded on completion and correctness. Showing "work" is required for full credit. Students are encouraged to use available resources to check their work before they submit it. Online quizzes will be graded on correctness and online activities will be given points for completion. Quizzes and tests will be graded on correct answers and successful demonstration of learning targets from the unit. The grading scale shown below will be used for all assignments and final grades.

Students repeatedly turning in work late will be counseled on how to get the most out of their online course. Parents and classroom teachers will be involved in helping the students get caught up and maintain "pace" with the course. All work not submitted on the due date will be given a 0 score until it is completed.

Students will be given written feedback on daily practice, quizzes, and tests. Students will receive video feedback on select quizzes and tests. Students will occasionally be required to give each other feedback on practice problems. As part of the learning process, students will be required to do corrections on select assignments after receiving feedback. Corrections must be done on the original assignment so the teacher can see student's improvement.

Students are expected to complete **all** daily practice, activities, quizzes, chapter tests and semester finals.
A student's semester grade will be calculated as follows: 15% Self-Assessments/Daily Work/Online Activities, 25% Chapter Quiz, 50% Chapter Test, and 10% Semester Exam.

Grading Scale

100-98	A+	89-87	B+	79-77	C+	69-67	D+	59-0	F
97-93	A	86-84	B	76-73	C	66-63	D		
92-90	A-	83-80	B-	72-70	C-	62-60	D-		

Policies: What is expected of the students:
1. The Algebra 1 calendar is NOT your schools calendar. Students are required to submit assignments ON or BEFORE the due date from the Algebra 1 calendar available on Moodle in PDF or Google Calendar. Students whose school if "off" on a particular day need to submit assignments early or submit from home.
2. Daily practice problems are how students practice and apply math skills. Therefore it is essential each student completes the daily assignment individually and submits it on time.
3. Students should check into their course on a daily basis. They are able to submit assignments, check their grades on previous assignments, and review feedback from the teacher in annotated assignments.
4. Students are responsible for the course material presented in sample problems, videos, activities, and in the textbook. This material may be part of a quiz or test.
5. A test will be given at the conclusion of each chapter.
6. A cumulative exam will be given at the end of each semester.
7. All tests and exams will be proctored by an adult at the student's school. Most Chapter Quizzes and Tests will be pencil and paper tests.

8. Expectations for this course are high, but reasonable. Everyone is very busy with their other courses, activities, and responsibilities, yet you are expected to complete all work on time. If you need an extension of time, please make a request via private email prior to the due date. Do not take the possibility of an extension for granted.
9. Communicate! If you have questions or concerns on a particular assignment or activity, please send me a private email or make a public posting in the Instructor's Office Forum.
10. Students may work ahead. As we come to the end of a Chapter the next chapter will be opened so they may start working on new material. Taking longer to complete the same material as the class, is an indicator of NON-readiness. You may not be ready for this course if you are consistently slow in completing or submitting work.
11. Student who have trouble following directions or handing work in on time will struggle in this course. Online education is not for everyone.

The Instructor will:
1. Return all work in a timely manner with appropriate feedback.
2. Give help when the student asks for it or the instructor sees a need for it.
3. Give advice as to how to improve or at least avoid repeating mistakes.
4. Treat students with respect and discipline in a God-pleasing manner.
5. Help parents maintain awareness of their child's progress and give suggestions to foster success.
6. Communicate with students, parents, and proctors, because my goal is to help you be successful.

Contacting the Instructor
Students should use Moodle "Questions from Examples & Daily Practice" forum within the chapter of study to ask questions regarding course content and assignments. Course instructor contact information is below. Use email or phone for urgent questions. Students should feel free to email or text questions anytime because the instructor may have opportunities throughout the day to respond to students.

Emily Grunwald	Emily Schafer
timmerer@mlc-wels.edu	friendee18@gmail.com
608-359-3662	920-427-0551

ALHS Online Policies:

Current ALHS Online policies are listed in the ***Handbook for ALHS Online Students and Parents***, available on the ALHSO.org website. This includes policies on non-discrimination, anti-harassment, student expectations, attendance, academic honesty, student discipline, student grades, course add/drop, etc.

Please note the policy on **class attendance** which states in part:

> *"Even if a student's local school does not have school on a particular day (snow day, teacher's conference, quarter break, choral fest, class trip, etc.) ALHS Online courses will continue to meet and students are expected to complete required work on time."*

Students also fall under the policies of their local high school, if applicable, while enrolled in ALHS Online courses. Because Algebra skills build on the foundation of previous lessons, a student who fails the first semester will be unable to continue with the second semester of the course.

High School credit: It is up to each high school to determine if a student successfully completing the Algebra 1 course in 7th or 8th grade will also receive high school credit. Some high schools have a proficiency test that students need to take to determine a student's knowledge. Check with your local high school for information on their policy.

Showing Work
Students must have sufficient maturity to do their work, follow directions, and complete and submit assignments without having to be continuously reminded. If students are not used to showing their work – [copying the problem, showing each step of problem solving to reach the solution] or adapting to the format taught by the teacher in the videos, they are more likely to struggle in this course, as will their grade, until they can adjust. Doing the steps expected for work is part of the point system for each assignment. Particular methods taught must be practiced to meet the challenges of this course and to gain a firm foundation of Algebraic methods useful for success in future math courses.

Semester Exam
The semester exam may be a new experience for students and has been known to bring stress on some students. Secondary education does include semester exams. Students who are consistent in doing their work and successfully completing the practice exam, should be ready for the semester exam. This course will include a set number of days to help students prepare for the exam. Those with IEPs or 504 education plans will take the test according to the provisions in their specific plan.

Parents and Guardians,
Please read through the syllabus for Algebra 1 so that you are aware of the requirements and expectations. Your child will need to have an e-mail, usually a school e-mail address. However, some schools have security measures that may block outside e-mails. If that is the case, please set up an e-mail for your child for school purposes. If you have not supplied a personal e-mail for you, as the parent, I would appreciate if you would do so. There are circumstances when it is beneficial to contact a parent directly and not through the child's e-mail.

If you have any questions regarding the above information I would be happy to speak with you. Please email or call your child's instructor. I may not be immediately available to communicate via phone but will contact you within 24 hours of your call or email.

Emily Grunwald	Emily Schafer
timmerer@mlc-wels.edu	friendee18@gmail.com
608-359-3662	920-427-0551