

University City High School

Algebra 1

Syllabus 2020-2021

Instructors:		
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*Algebra Lab Only

Course Description:

Welcome to 9th grade Algebra I at University City High School! In this course, students will work with real data, real-life situations, and real world applications to realize the value of learning mathematics. Even in an online setting, we will incorporate investigations, experiments, and some form of cooperative learning. This document will help you navigate information outlining course content, resources, instructors and schedule. It is important to be familiar with this material as we approach traditional and contemporary Algebra topics from multiple perspectives. This course aims to bring you the foundation you need to accomplish your dreams and to not only be a successful high school scholar, but a creative, mathematical thinker. Students' use of technology will enable them to explore problems, ideas, and concepts from different viewpoints. Explorations and investigations emphasize symbol sense, algebraic manipulations, and as well as conceptual understanding.

Textbook:

Algebra 1, Common Core Edition from The McGraw Hill Companies, 2014. Online access available.

Course Expectations:

Students will be expected to have their note packet (provided) and their Chromebook to attend class during their assigned times. Completing assignments, attending scheduled zoom classes, and seeking help when needed are essential components of successfully mastering the rigorous contents of Algebra 1.

Calculators:

Students will not be provided with a calculator during distance learning. However, we will use Desmos which will have a Graphing and Scientific calculator for student use. Students can access these calculators on www.desmos.com or download the app from the Google Play Store (Android) or iOS App Store (Apple) for free.

Formative & Summative Assessments:

Classwork will be given during each live Zoom meeting. All homework will be assigned on ALEKS. Homework will be assigned at the beginning of each week, and students will be given multiple attempts to master the material. Due dates may vary. Extensions may be given, but will be determined case by case. All classwork and homework need to be completed before the Summative is assigned at the end of the unit. Classwork and homework will be credited in the formative category

worth 30% of the grade. Unit exams, projects, and quizzes will be credited in the summative category worth 70% of the grade. There will be a CUMULATIVE final exam at the end of the semester.

Grading Scale:

- 90 - 100 A
- 80 - 89 B
- 70 - 79 C
- 60 - 69 CR (credit)
- Below 60 NC (no credit)

Grade Components:

- Formative Assessments
 - Classwork (10 points each)
 - Homework (10 points each)
- Summative Assessments
 - Planned Quizzes (50 points each)
 - Unit Exams (100 points each)
 - Final Exam (200 points)

Algebra Lab:

Algebra students are enrolled in a supplemental Algebra Lab course to support their development. Algebra Lab teachers will monitor students' progress in the mastery of current Algebra 1 topics. Students will be expected to meet in small groups (virtually) and receive more focused support based on their needs. Students will also be responsible for working on ALEKS towards their individualized pie goals that are aimed at filling in math deficiencies.

Chromebooks:

Due to beginning the school year following a distance learning model, it is imperative that students have their Chromebooks in working order. All classwork and homework assignments, quizzes and exams will be given electronically. If an issue arises with your chromebook, or it needs to be repaired or serviced, please contact wo@ucityschools.org or (314) 290 - 4014.

Charges for Technology Devices and Items	
Lost Device	\$300
Lost Charger	\$40
Damage to Device	\$30 - \$150

Please be advised, all district devices use a filter to limit inappropriate content as well as a program called GoGuardian that allows teachers to view students' computers.

Additional Math Help:

ALEKS comes with online help tutorials, example videos, and link to book reference. All lesson videos will be posted in Google Classroom to refer back to. Teachers are available outside of "school hours" for virtual tutoring. Please make contact with any of the teachers listed at the beginning of this document via email or Google Classroom.