

OHHS Math Department Course Syllabus



Course Name: Algebra II A

Course Code: MAO22A

Course Description:

Algebra II includes an in-depth study in algebraic and graphical representations of linear and absolute value equations and inequalities, quadratic equations, polynomial, exponential, logarithmic, radical and rational functions. Students connect these concepts to a variety of “real world” application problems. Continued usage of the graphing calculator will be an integral part of the program.

Prerequisites

Successful completion of Algebra I A/B and Geometry A/B

Course Resources

Big Ideas Algebra II (2019)

Course Fees

None

Course Outline/Instructional Units

Linear functions

Quadratic Functions

Quadratic Equations and Complex Numbers

Polynomial Functions

Rational Exponents and Radical Functions

Exponential and Logarithmic Functions

Transformations

Major Assessments

Major Assessments will include some mid-chapter quizzes and end of unit exams for each unit of study. Additionally, students will be given End of Trimester exams over topics from the entire trimester.

Extra Help

Teachers will provide information regarding tutoring in classroom procedures. Students are encouraged to take advantage of tutoring opportunities and assistance will be offered in class.

RE-DO POLICY:

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we are implementing a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
 - Assessments (with exception of the Final Trimester exam)
 - Homework/classwork is seen as work advancing a student towards mastery and is used as a *formative* assessment and is graded *primarily* for completion. Individual plans may be made for students who struggle with length of assignments. Assignments may be turned in for full credit during the current unit of study.

- Assessments: Teachers will
 - Allow students to complete brief supportive assignments/practice (or study guide) to assist them in attaining mastery in either the complete assessment or areas of an assessment on which they were deficient to be completed either after school, outside of school or in the classroom depending upon availability time of the student and teacher
 - Once the student has been given the opportunity to work on skills needed for mastery; students will be given the opportunity to retake parts or the entirety of the assessment for full credit with a general two week timeline to complete once the original assessment is scored. Dates of availability to obtain this opportunity will be provided (flexibility will be provided to meet student and teacher schedules). Students who miss those opportunities waive their rights to redo the exam.
 - Once the deadline has passed students will be given the higher of the two grades on the Assessment or Redo for up to 100% (this could include a 0% on the assessment) Extenuating circumstances such as illness can allow the teacher to extend the deadline.

Weighted Categories

Set department categories and weighting

Category	Percentage of Overall Grade
Homework/classwork	10%
Assessment/Quiz	75%
Final	15%

Grading Scale:

Regular Scale	
Letter Grade	Percentage
A	93% and Above
A -	90%-92.99%
B+	87%-89.99%
B	83%-86.99%
B-	80-82.99%
C+	77%-79.99%
C	73-76.99%
C-	70-72.99%
D+	67%-69.99%
D	60%-66.99%
F	59.99% and Below

OHHS PLAGIARISM POLICY:

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to

have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the “Late Work Policy” of the teacher where total possible points may be reduced.