

OHHS Mathematics Department

Bridge to College Math B Syllabus



Course Name: Bridge to College Math B
Course Code:MAO40B

Course Description:

The course curriculum emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. For seniors who score a Level 2 on the Smarter Balanced 11th grade assessment and are successful in this course (B or better), the Bridge to College Mathematics Course offers an opportunity to place into a college-level course when entering college directly after high school. (The Bridge to College Mathematics course can qualify as a 3rd credit of math if the student has already attempted Algebra 2 or is credit-deficient.)

Prerequisites

2595 or greater on SBA, Algebra I, Geometry, previous enrollment in Algebra II, Counselor approval; Bridge to College Math A

Course Resources

OSPI provided materials grounded in the Southern Regional Education Board's (SREB) Math Ready course.

Course Fees

None

Course Outline/Instructional Units

6. Exponential Functions and Introduction to Logarithms
7. Quadratic Functions
8. Summarizing and Interpreting Statistical Data

(Unit 0 Building a Culture of Learning is embedded within each unit)

Major Assessments

Major Assessments will be used based upon the OSPI Bridge to College Math Assessment Bank.

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.

- Re-do
 - Assessments up to 75% credit (with exception of the trimester exam)
 - Daily work for up to 100% Daily work or homework is seen as work advancing a student towards mastery and is used as a *formative* assessment and is graded *primarily* for completion and growth. Individual plans may be made for students regarding with length of assignments. Assignments may be turned in for full credit during the current unit of study.
- 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 by the teacher (flexibility will be provided to meet student and teacher schedules). Students who miss these 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

75% (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
Daily Work	15%
Assessment	85%

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.