



Math

The math flow chart explains the math sequence of courses. Please note that the student's progress through the math sequence is flexible to allow for changes in goals or post high school plans. The following pages indicate the required prerequisites for each course which may alter the math flow chart above.

EOC: End of Course exam for state testing in Algebra 1 and Geometry.

SBAC: Smarter Balanced Assessment (Consortium) beginning spring 2015 for juniors.

CHS: College in the High School credit available.

AP: College credit may be awarded for completion of the Advanced Placement exam.

* Students not meeting prerequisite for advanced, honors, or advanced placement math courses can take the required challenge test for the desired course in June or August and pass with 80% or better. Students need to see their math teacher or the math department chair for details.

Bridge to College Mathematics: BCM100A (S1) 11,12 One Year
 BCM100B (S2)

Prerequisite: Successful completion of Algebra II/Trig

Credit for graduation: Math

This course focuses on mathematical standards that are important for success in college mathematics. It is designed as a transition course for entrance into non-calculus, introductory college level math. The course addresses key Algebra I, statistics, geometry and Algebra II standards essential for college and career readiness. Seniors who score in Level 2 on the Smarter Balance Assessment and pass this course with a B or better will have the opportunity to be placed into a college-level course when entering college directly after high school. **HR 1**

Collection of Evidence in Mathematics MCE100A (S1) 12 One year
 MCE100B (S2)

Prerequisite: teacher recommendation

Credit for graduation: Math

This class is designed for students who have not met standard on either EOC Math exams and plan to submit a Collection of Evidence to the state as an alternative method of demonstrating proficiency. The class will provide example problems and opportunities for students to demonstrate proficiency on mathematics tasks that are based on Washington State Performance Expectations specifically required to meet standard. The tasks used in this course will be provided by OSPI and supplemented by Mukilteo teachers in conjunction with local community college requirements. This course may satisfy the required third mathematics credit. See page 18 for more information.

Discrete Math

DIS300A (S1)
 DIS300B (S2)



10,11,12

One year

Prerequisite: Successful completion of Geometry and Algebra II/Trig

Credit for graduation: Math

This course is intended for those students who have completed the required courses for college entrance and wish to take an additional year of math without continuing in the math progression leading to Calculus. Discrete Math is a course where students apply mathematical skills, concepts and knowledge to meaningful real world problems and practical applications. Opportunities for students to prepare for Pre-Calculus will be provided. **HR 2**

Math

Financial Independence CFF100A (S1) 11 (w/ permission),12 One year or
 CFF100B (S2) One semester

Prerequisite: Successful completion of Algebra I and Geometry or teacher permission.

Credit for graduation: Math or Occupational

See description on page 27. This course may satisfy the third math credit requirement. For the class of 2015 and beyond, students must meet with a school official to have this course count as the third math credit. See page 8 for more information.

