

Math Options After Algebra II

Finite

Good fourth year college prep math course.

No GPA enhancement

Topics include linear programming, probability, statistics and finance.

Can be a good transition class to Math Analysis or AP Stat.

Second semester is as difficult as MA. First semester is less rigorous than MA.

Requires at least a C in both semesters of Algebra II OR at least a B in both semesters of Algebra 2AB.

Math Analysis

Natural progression from Algebra II to college math.

No GPA enhancement

Recommended for strong math students.

Geared toward preparing students for technical disciplines.

Necessary preparation for engineering, science, economics, math and business.

Requires at least a B in both semesters of Algebra II.

Math Analysis Honors

Same as Math Analysis except the following:

Moves at a more rigorous pace

GPA enhancement

Covers the first three chapters of Calculus during second semester.

Requires an A or B in both semesters of Algebra II Honors.

IB Math SL AI

Good course for someone not wanting the difficulty of MA but still wants some rigor. Allows students not on the calculus pathway to get college credit for a high school course.

GPA enhancement

Emphasizes the meaning of mathematics by focusing on applications or math modeling. Extensive use of technology. Covers lots of stat topics and touches on some intro to calc topics.

Can be a good transition class to Math Analysis or AP Stat.

Requires at least a C in both semesters of Algebra II. Can also be taken after Finite.

AP Statistics

Provides best examples of relationships between math and real world - like consumer marketing, investment, political polling and understanding research.

GPA enhancement

Course themes are exploring data, planning a study, probability, and statistical inference.

Prepares students for a broad range of majors. Required by many majors in college.

Requires at least a B in Algebra II or C in Algebra II Honors along with teacher recommendation. For those completing Finite Math, a grade of A or high B is recommended.