Mathematics for Science and Mathematics Majors

Information for Advisors and Students

Course Prerequisites

Math 1730 - Precalculus: ACT-M 25 or higher or grade of "C" or better in either Math 1710 or Math 1110. Students who do not meet this requirement may challenge their placement by taking (at their own expense) the APSU Mathematics Placement Examination.

Math 1910 – Calculus and Analytic Geometry: 1) Grade of "C" or better in Math 1730 or 2) both high school trigonometry and an ACT-M score of at least 27.

Learning Support

Students entering APSU with an ACT-M score between 15 and 18, inclusive, are required to enroll in an "e-section" of Math 1010 or Math 1530, prior to taking any other APSU mathematics course.

Course Sequences

ACT-M Score	Sequence
15-18	1) "E-section" of Math 1010 or "e-section" of Math 1530 2) Math 1110 or Math 1710 3) Math 1730 4) Math 1910
19-24	1) Math 1110 or Math 1710 2) Math 1730 3) Math 1910
25-26	1) Math 1730 2) Math 1910
27 and higher	3) Math 1910

What is the Difference between Math 1110, Math 1710, and Math 1730?

The primary difference between Math 1710 (College Algebra[1]) and Math 1110 (Algebraic Problem Solving) is the instructional method employed. Math 1710 is a more traditional lecture-based course. Math 1110 classes involve more hands-on, activity-based learning strategies. Math 1730 emphasizes exponential and logarithmic functions and trigonometry.

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[1] Math 1710 was formerly named "Precalculus (Algebra)."