

Mt. SAC Math Placement System

Approved by the Math Department on August 25, 2017

The Mt. SAC Math Department approved the following proposition regarding the use of high school performance data as multiple measures for placing Mt. SAC students into Mt. SAC math courses.

- 1. All new students taking courses Summer 2018 will be placed using this proposed placement system.**
- 2. Students with high school performance data will be placed into math courses based on their unweighted, cumulative high school GPA (either 11th or 12th), their last math course completed, the grade received in their last math course, and any math course they are currently enrolled in. See attached decision rules.**
- 3. Students with high school performance data would not be required to take a placement test.**
- 4. Students with high school performance data who opt to take the placement test will be given the higher of the two placement results (that is, a disjunctive multiple measures model will be used).**
- 5. Self-reported high school performance data will be used.**
- 6. High school performance data will not be required to be recent.**
- 7. Students will be shown the highest course(s) that they place into.**
- 8. Students placing into transfer-level courses will be strongly advised to seek counseling about which math course they should take.**
- 9. Prerequisite statements in the schedule of classes and catalog will be updated.**
- 10. The Student Success Inventory will be updated to accommodate this new placement system.**
- 11. Research will be done to determine if the new placement system is effective.**

Mt. SAC Mathematics Multiple Measures Model - Version 8/25/17

(for placement using student high school performance data)

Mt. SAC Math Course	Direct Matriculants		Non-Direct Matriculants	
	Minimum 11th- grade GPA ¹	Last math course passed with C or better ¹	Minimum 12th- grade GPA ¹	Last math course passed with C or better ¹
Math 180	3.6	Precalculus or Trigonometry	3.5	Precalculus or Trigonometry
	3.2	Precalculus	3.1	Enrolled in Calculus course
Math 160	3.4	Trigonometry³	3.3	Trigonometry³
	2.6	Enrolled in Calculus course	3.0	Calculus
Math 150	3.4	Algebra II	3.3	Algebra II
	3.0	Precalculus C+ or better	2.8	Precalculus
	3.0	Algebra II B or better		
Math 140 ²	3.4	Algebra II	3.3	Algebra II
	3.0	Precalculus C+ or better	2.8	Precalculus
	3.0	Algebra II B or better		
Math 130	3.2	Algebra II	3.2	Algebra II
	2.9	Precalculus	3.0	Precalculus or Statistics
Math 120 ²	3.2	Algebra II	3.2	Algebra II
	2.9	Precalculus	3.0	Precalculus or Statistics
Math 110/110H	3.0	Algebra II⁴	3.0	Algebra II⁴
	2.3	Precalculus	2.6	Precalculus
Math 100	3.2	Algebra II⁴	3.2	Algebra II⁴
			2.9	Statistics
Math 71/71A/71X	2.8	Algebra I	2.9	Algebra I
			2.5	Precalculus
Math 70S ²	2.4	No requirement	2.5	No requirement
Math 51/51A	2.4	No requirement	2.5	No requirement
Math 50	2.0	No requirement	2.1	No requirement
LERN 49/48 ²	Take Level 1 Placement Test results to determine if place into LERN 49 vs. LERN 48.			

- 1: Based on 11th/12th grade GPA minimums and last math course taken for statewide MMAP (Phase II, Feb 2017), unless otherwise noted.
- 2: No MMAP ruleset exists for this course.
- 3: With MMAP, only Algebra II is required to place into Precalculus (our Math 160).
- 4: With MMAP, only Algebra I is required to place into Statistics (our Math 110) and General Education Math (our Math 100).

Light blue highlighting points out courses that are not part of the statewide MMAP model.

Orange highlighting points to deviations from the statewide MMAP model.