Placement Matrices for Math, English, and ESL Based on the MMAP Phase II Rule Set

This document summarizes the placement recommendations detailed in the <u>Phase 2 decision rules</u> publication. As described in that document, there are two sets of rules for each subject area: One set of rules is based on "direct matriculants" (DM), which are students who begin matriculation processes before their complete high school transcript is available, and for this reason their placement criteria were developed using data up through 11th grade (12th grade data not available). The other set of rules is based on "non-direct matriculants" (NDM), for whom a complete high school transcript is available (including 12th grade data). Following this pattern, this document contains two matrices for each subject area.

However, based on feedback from pilot colleges, the choice of the DM and NDM nomenclature does not convey the fact that the MMAP placement of a student is based solely on data availability and not on when a student applied. For instance, if a student waited a year to enroll in college but only 11th grade data is available in Cal-PASS Plus, that student would be considered a DM due to data availability. Similarly, a student who directly applies to college after high school but has 12th grade data (e.g. self-reported or manual placement via transcripts) would be considered a NDM.

To limit this confusion, we refer to the tables as follows:

- Direct Matriculant (Up through 11th grade transcript available)
- Non-Direct Matriculant (Up through 12th grade transcript available)

MATH

				Di	rect N	Aatric	ulant (up throu	igh 11th	grade tra	anscript	available)		
hest math course en in high school ²	GPA ≥ 3.6	GPA ≥ 3.4	GPA ≥ 3.3	GPA ≥ 3.2	GPA ≥ 3.0	GPA ≥ 2.9	GPA ≥ 2.8	GPA ≥ 2.6	GPA ≥ 2.4	GPA ≥ 2.3	GPA ≥ 2.0	GPA < 2.0		
▼ Calculus 1 (C or better) ³	Calc	Calc	Calc	Calc	Pre-Calc	Pre-Calc	Pre-Calc	Pre-Calc	Stats	Stats	Pre-Alg	Test		
Calculus 1 (enrolled) ⁴	Calc	Calc	Calc	Calc	Pre-Calc	Pre-Calc	Pre-Calc	Pre-Calc	Stats	Stats	Pre-Alg	Test		Legend
Pre-Calculus (C+ or better)	Calc	Calc	Calc	Calc	Trig	Col Alg	Stats	Stats	Stats	Stats	Pre-Alg	Test	Calc	Calculus 1
Pre-Calculus (C or better)	Calc	Calc	Calc	Calc	Trig	Col Alg	Stats	Stats	Stats	Stats	Pre-Alg	Test	Pre-Calc Trig	Pre-Calculus Trigonometry, College Algebra, GE Math, Statistics
Trigonometry (C or better)	Calc	Pre-Calc	Trig	Trig	Trig	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test	Col Alg GE Math	College Algebra, GE Mar Statistics GE Math, Statistics
Algebra 2 (B or better)	Pre-Calc	Pre-Calc	Trig	Trig	Trig	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test	Stats	Statistics
Algebra 2 (C or better)	Pre-Calc	Pre-Calc	Col Alg	Col Alg	Stats	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test	Alg 2 Alg 1	Intermediate Algebra Elementary Algebra
Algebra 1 (C or better)	GE Math	GE Math	GE Math	Stats	Stats	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test	Pre-Alg Test	Pre-Algebra Placement via test for other students
All other	Alg 1	Pre-Alg	Pre-Alg	Test										

Total non-weighted GPA¹

¹Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA. ² Highest math course taken in high school by increasing difficulty.

³ Grade received in course. 'Or better' refers to a better grade in course or completion of a higher level course with C or better. ⁴ Student enrolled in Calculus 1 (no grade requirement).

MATH

Total non-weighted GPA¹ CST scores²

Non-Direct Matriculant (up through 12th grade transcript available)

1															
Math course in high school ³	GPA ≥ 3.5	GPA ≥ 3.3	GPA ≥ 3.2	GPA ≥ 3.1	GPA ≥ 3.0 and Algebra 2 CST ≥ 340	GPA ≥ 3.0	GPA ≥ 2.9	GPA ≥ 2.8	GPA ≥ 2.6	GPA ≥ 2.5 and Algebra 2 CST ≥ 302	GPA ≥ 2.5	GPA ≥ 2.3	GPA ≥ 2.1 and Algebra 1 CST ≥ 302	GPA ≥ 2.1	GPA < 2.1
▼ Calculus 1 (C or better) ⁴	Calc	Calc	Calc	Calc	Pre-Calc	Pre-Calc	Trig	Trig	Stats	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Test
Calculus 1 (enrolled) ⁵	Calc	Calc	Calc	Calc	Pre-Calc	Trig	Trig	Trig	Stats	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Test
Pre-Calculus (C or better)	Calc	Pre-Calc	Trig	Trig	Pre-Calc	Trig	Trig	Trig	Stats	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Test
Trigonometry (C or better)	Calc	Pre-Calc	Col Alg	Col Alg	Pre-Calc	Col Alg	GE Math	Alg 1	Alg 1	Alg 2	Alg 1	Alg 1	Alg 1	Pre-Alg	Test
Statistics (C or better)	Pre-Calc	Pre-Calc	Col Alg	Col Alg	Pre-Calc	Col Alg	GE Math	Alg 1	Alg 1	Alg 2	Alg 1	Alg 1	Alg 1	Pre-Alg	Test
Algebra 2 (C or better)	Pre-Calc	Pre-Calc	Col Alg	Stats	Pre-Calc	Stats	Alg 2	Alg 1	Alg 1	Alg 2	Alg 1	Alg 1	Alg 1	Pre-Alg	Test
Algebra 1 (C or better)	GE Math	GE Math	GE Math	Stats	Stats	Stats	Alg 2	Alg 1	Alg 1	Alg 2	Alg 1	Pre-Alg	Alg 1	Pre-Alg	Test
All other	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Pre-Alg	Test				

¹Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA.

² California Standardized Test (CST) score in Math. Current MMAP rules do not include Smarter Balanced test scores.

³ Highest math course taken in high school by increasing difficulty.

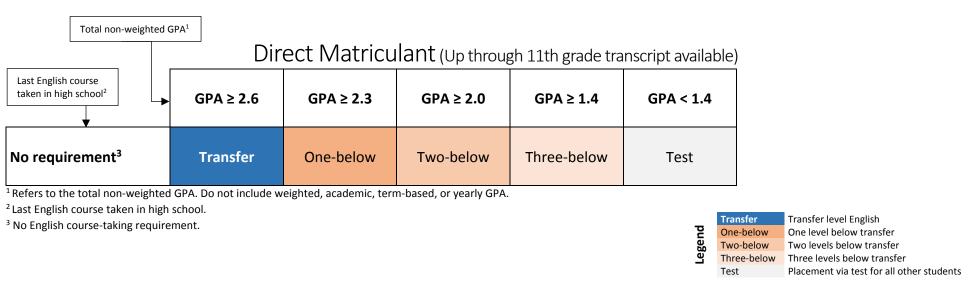
⁴ Grade received in course. 'Or better' refers to a better grade in course or completion of a higher level course with C or better.

⁵ Student enrolled in Calculus 1 (no grade requirement).

	Calc	Calculus 1
	Pre-Calc	Pre-Calculus
	Trig	Trigonometry, College Algebra, GE Math, and Statistics
σ	Col Alg	College Algebra, GE Math, and Statistics
Legend	GE Math	GE Math and Statistics
ŝ	Stats	Statistics
-	Alg 2	Intermediate Algebra
	Alg 1	Elementary Algebra
	Pre-Alg	Pre-Algebra

Test Placement via test for all other students

ENGLISH



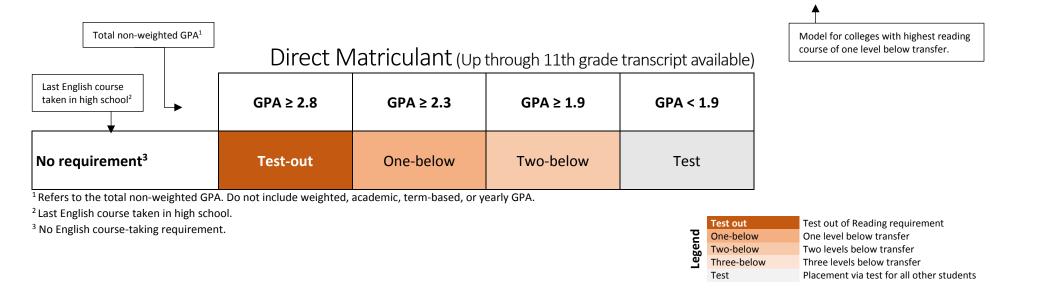
Total non-weighted C CST scores ²	βPA ¹						
			Non-Dir	ect Matricu	lant (Up throug	gh 12th grade tra	nscript available)
Last English course taken in high school ³	GPA ≥ 2.6	GPA ≥ 2.2	GPA ≥ 1.8 and CST ≥ 288	GPA ≥ 1.8	GPA ≥ 1.7	GPA ≥ 1.5 and CST ≥ 268	GPA < 1.7
12 th grade English (C or better) ⁴	Transfer	One-below	Two-below	Two-below	Three-below	Three-below	Test
12 th grade English (D or better)	Transfer	Two-below	Two-below	Two-below	Three-below	Three-below	Test
All other	Transfer	Three-below	Three-below	Three-below	Three-below	Three-below	Test

¹Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA.

² California Standardized Test (CST) score in English. Current MMAP rules do not include Smarter Balanced test scores.

³ Last English course taken in high school.

⁴ Grade received in course.



L1 READING

		Non-Direct Matriculant (Up through 12th grade transcript available)							
Last English course taken in high school ³	GPA ≥ 2.5	GPA ≥ 2.1	GPA ≥ 2.0 and CST ≥ 274	GPA ≥ 2.0	CST ≥ 310	GPA ≥ 1.7	CST ≥ 234	GPA < 1.7	
12 th grade English (C+ or better) ⁴	Test-out	One-below	One-below	One-below	Two-below	Two-below	Three-below	Test	
12 th grade English (D+ or better)	Test-out	Two-below	One-below	Two-below	Two-below	Two-below	Three-below	Test	
All other	Test-out	Three-below	One-below	Three-below	Two-below	Test	Three-below	Test	

¹Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA.

² California Standardized Test (CST) score in English. Current MMAP rules do not include Smarter Balanced test scores.

³ Last English course taken in high school.

Total non-weighted GPA¹

CST scores²

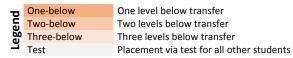
⁴ Grade received in course.

	Total non-weighted GP	A ¹		
		Direct Matri	culant (Up through 11th	n grade transcript available)
Last English co taken in high s		GPA ≥ 2.7	GPA ≥ 2.2	GPA < 2.2
11 th grade (C+ or bet	_	One-below	Two-below	Three-below
All other		One-below	Two-below	Test

¹ Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA.

² Last Remedial or Non-remedial English or ESL course taken in high school.

³ Grade received in course.



L1 ESL

Model for colleges with highest ESL course of one level below transfer.

Total non-weighted GPA ¹		Non-Direct Ma	triculant (Up through 12 [.]	th grade transcript available)
Last English course taken in high school ²	GPA ≥ 2.6	GPA ≥ 2.4	GPA ≥ 1.5	GPA < 1.5
No requirement ³	One-below	Two-below	Three-below	Test

¹ Refers to the total non-weighted GPA. Do not include weighted, academic, term-based, or yearly GPA.

² Last Remedial or Non-remedial English or ESL course taken in high school.

³ No English/ESL course taking requirement.