

Placement Matrices for Math, English, and ESL

Based on the MMAP Phase II Rule Set

This document summarizes the placement recommendations detailed in the [Phase 2 decision rules](#) 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

Direct Matriculant (up through 11th grade transcript available)

	Total non-weighted GPA ¹											
	Highest math course taken 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
Pre-Calculus (C+ or better)	Calc	Calc	Calc	Calc	Trig	Col Alg	Stats	Stats	Stats	Stats	Pre-Alg	Test
Pre-Calculus (C or better)	Calc	Calc	Calc	Calc	Trig	Col Alg	Stats	Stats	Stats	Stats	Pre-Alg	Test
Trigonometry (C or better)	Calc	Pre-Calc	Trig	Trig	Trig	Alg 2	Alg 2	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test
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
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
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
All other	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Test

Legend

Calc	Calculus 1
Pre-Calc	Pre-Calculus
Trig	Trigonometry, College Algebra, GE Math, Statistics
Col Alg	College Algebra, GE Math, Statistics
GE Math	GE Math, Statistics
Stats	Statistics
Alg 2	Intermediate Algebra
Alg 1	Elementary Algebra
Pre-Alg	Pre-Algebra
Test	Placement via test for all other students

¹ Refers 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

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

Total non-weighted GPA¹
CST scores²

Last Math course
taken in high school³

	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	Alg 1	Alg 1	Alg 1	Alg 1	Pre-Alg	Pre-Alg	Pre-Alg	Test

¹ Refers 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).

Legend	
Calc	Calculus 1
Pre-Calc	Pre-Calculus
Trig	Trigonometry, College Algebra, GE Math, and Statistics
Col Alg	College Algebra, GE Math, and Statistics
GE Math	GE Math and Statistics
Stats	Statistics
Alg 2	Intermediate Algebra
Alg 1	Elementary Algebra
Pre-Alg	Pre-Algebra
Test	Placement via test for all other students

ENGLISH

Direct Matriculant (Up through 11th grade transcript available)

	GPA ≥ 2.6	GPA ≥ 2.3	GPA ≥ 2.0	GPA ≥ 1.4	GPA < 1.4
No requirement³	Transfer	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 English course taken in high school.

³ No English course-taking requirement.

Legend	Transfer	Transfer level English
	One-below	One level below transfer
	Two-below	Two levels below transfer
	Three-below	Three levels below transfer
	Test	Placement via test for all other students

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

	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
12th grade English (C or better)⁴	Transfer	One-below	Two-below	Two-below	Three-below	Three-below	Test
12th 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

¹ Refers 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

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

Direct Matriculant (Up through 11th grade transcript available)

	GPA ≥ 2.8	GPA ≥ 2.3	GPA ≥ 1.9	GPA < 1.9
No requirement³	Test-out	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 English course taken in high school.

³ No English course-taking requirement.

Legend	Test out	Test out of Reading requirement
	One-below	One level below transfer
	Two-below	Two levels below transfer
	Three-below	Three levels below transfer
	Test	Placement via test for all other students

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

	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
12th grade English (C+ or better)⁴	Test-out	One-below	One-below	One-below	Two-below	Two-below	Three-below	Test
12th 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

¹ Refers 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 ESL

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

Direct Matriculant (Up through 11th grade transcript available)

	Total non-weighted GPA ¹		
Last English course taken in high school ²			
	GPA ≥ 2.7	GPA ≥ 2.2	GPA < 2.2
11th grade English (C+ or better)³	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.

Legend	One-below	One level below transfer
	Two-below	Two levels below transfer
	Three-below	Three levels below transfer
	Test	Placement via test for all other students

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

	Total non-weighted GPA ¹			
Last English course taken in high school ²				
	GPA ≥ 2.6	GPA ≥ 2.4	GPA ≥ 1.5	GPA < 1.5
No requirement³	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.

Mathematics Placement Model for OCC

Direct Matriculant (up to 11th grade transcript available)

	Total non-weighted GPA																			
	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00
Calculus (enrolled)	Calc 1PMA70							Pre-Calc 1PMA60						GE Math 1PMA45		Pre-Alg 1PMA25		Arth 1PMA20		
Pre-Calc (GPs ≥ 1.8)	Calc 1PMA70							Trig 1PMA50	Col Alg 1PMA48	GE Math 1PMA45					Pre-Alg 1PMA25		Arth 1PMA20			
Trig (GPs ≥ 2.1) Alg 2 (GPs ≥ 2.8)	Pre-Calc 1PMA60					Trig 1PMA50				Alg 2 1PMA40		Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20			
Alg 2 (GPs 1.8 - 2.7)	Trig 1PMA50					Col Alg 1PMA48		GE Math 1PMA45	Alg 2 1PMA40		Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20				
Alg 1 (GPs ≥ 1.8)	Alg 2 1PMA40								Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20						
All other	Alg 1 1PMA30								Pre-Alg 1PMA25			Arth 1PMA20								

OCC MMAP MODEL	MATH COURSE	SOATEST CODE
Calc	MATH A180	1PMA 70
Pre-Calc	MATH A170 & MATH A140	1PMA 60
Trig	MATH A120	1PMA 50
Col Alg	MATH A115	1PMA 48
GE Math	MATH A100, A103, A104, A155, A160	1PMA 45
Alg 2	MATH A020, A030, A070	1PMA 40
Alg 1	MATH A010, A045	1PMA 30
Pre-Alg	MATH A008	1PMA 25
Arth	MATH A005	1PMA 20



705 Questions

Assessment Testing and Placement Recommendation

Assessment

Can colleges continue to offer existing curricular sequences and placement practices and study them for the next two years?

No. AB 705 requires that all of the California community colleges adhere to the principles of the law. By the fall of 2019, colleges must re-engineer their local assessment practices to utilize high school performance as the primary vehicle for placement recommendations and discontinue the use of standardized placement tests. The Board of Governors must approve placement instruments, and they have not approved any for English or for math; however, they may for ESL. Colleges must also follow the two central conditions of the legislation:

1. Students cannot be placed into pre-transfer courses unless the college can demonstrate that they are highly unlikely to succeed in them
2. Enrollment in a pre-transfer course must improve the students' likelihood of success in the transfer course

When comparing the likelihood of success, colleges are encouraged to look at the differences between pretransfer requirements and throughput and direct placement into the transfer course. Unless colleges adopt the default placement rules, they will need to validate local practices and demonstrate that they meet the standards of the law described above.

Assessment

78213.

(a) No community college district or college may use any assessment instrument for the purposes of this article without the authorization of the board of governors. The board of governors may adopt a list of authorized assessment instruments pursuant to the policies and procedures developed pursuant to this section and the intent of this article. The board of governors may waive this requirement as to any assessment instrument pending evaluation.

(e) For purposes of this section, “assessment” means the process of gathering information about a student regarding the student’s study skills, English language proficiency, computational skills, aptitudes, goals, learning skills, career aspirations, academic performance, and need for special services. Assessment methods may include, but not necessarily be limited to, interviews, standardized tests, attitude surveys, vocational or career aptitude and interest inventories, high school or postsecondary transcripts, specialized certificates or licenses, educational histories, and other measures of performance.

Can placement tests be used as a tool to help students evaluate the best placement for themselves?

No, for English and mathematics/quantitative reasoning at this time all placement tests must be approved by the Board of Governors, which also includes “surveys” or “questionnaires” if they are being used as placement instruments. **August 2018 FAQs**



Who does this apply to?

Does AB 705 only apply to transfer students?

No, AB 705 is applicable to all students who are seeking to complete a degree. While all students need a transfer level English composition course for degree completion, math requirements vary. Placement in math should align with the student's educational goal. If a student declares a major or goal that requires transfer level math or quantitative reasoning, then the student should be placed in the correct math and at the correct level. If a student declares a major or goal that includes a local degree or certificate, then the student should be placed in the math or quantitative reasoning that matches the student's goal. **August 2018**

FAQs

The regulations should ensure that, for students who seek a goal other than transfer, and who are in certificate or degree programs with specific requirements that are not met with transfer-level coursework, a community college district or college maximizes the probability that a student will enter and complete the required college-level coursework in English and mathematics within a one-year timeframe. **Text of bill**

Current MMP Placement for Math

(approved by Math Dept. 2/2/18)

	Total non-weighted GPA																			
	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00
Calculus (enrolled)	Calc 1PMA70							Pre-Calc 1PMA60					GE Math 1PMA45			Pre-Alg 1PMA25		Arth 1PMA20		
Pre-Calc (GPs ≥ 1.8)	Calc 1PMA70							Trig 1PMA50	Col Alg 1PMA48	GE Math 1PMA45					Pre-Alg 1PMA25		Arth 1PMA20			
Trig (GPs ≥ 2.1) Alg 2 (GPs ≥ 2.8)	Pre-Calc 1PMA60					Trig 1PMA50			Alg 2 1PMA40	Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20					
Alg 2 (GPs 1.8 - 2.7)	Trig 1PMA50				Col Alg 1PMA48	GE Math 1PMA45	Alg 2 1PMA40	Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20							
Alg 1 (GPs ≥ 1.8)	Alg 2 1PMA40							Alg 1 1PMA30			Pre-Alg 1PMA25		Arth 1PMA20							
All other	Alg 1 1PMA30							Pre-Alg 1PMA25			Arth 1PMA20									

OCC MMAP MODEL	MATH COURSE	SOATEST CODE
Calc	MATH A180	1PMA 70
Pre-Calc	MATH A170 & MATH A140	1PMA 60
Trig	MATH A120	1PMA 50
Col Alg	MATH A115	1PMA 48
GE Math	MATH A100, A103, A104, A155, A160	1PMA 45
Alg 2	MATH A020, A030, A070	1PMA 40
Alg 1	MATH A010, A045	1PMA 30
Pre-Alg	MATH A008	1PMA 25
Arth	MATH A005	1PMA 20

English Placement MMP used this fall

(note – placement testing used as a challenge or if H.S. too long ago)

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

Total non-weighted GPA ¹ CST scores ²		GPA ≥ 2.6	GPA ≥ 2.2	GPA ≥ 1.8 <i>and</i> CST ≥ 288	GPA ≥ 1.8	GPA ≥ 1.7	GPA ≥ 1.5 <i>and</i> CST ≥ 268	GPA < 1.7
Last English course taken in high school ³								
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	

¹ Refers 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.



Actions needed

- ▶ Endorsement to drop placement testing for Math & English
- ▶ Endorsement to “Not” enforce prerequisites in target classes (i.e. English 100 & the target Math courses)
- ▶ Message to students – depending on these endorsements, Management will develop a communication plan to students that will include.
 - ▶ Currently enrolled in pre-transfer English/Math
 - ▶ Currently enrolled but not in pre-transfer English/Math
 - ▶ Registering for spring 2019 and for new applicants for fall 2019

