

LACCD ENGLISH, ESL, and MATH Placement

California Education Code 78213 (formerly Assembly Bill or AB 705) took effect January 1, 2018 and requires California Community Colleges to use multiple methods of placing students into transfer-level English, English as a second language (ESL) and math courses. These methods must include the use of high school cumulative grade point average (HSGPA) and possibly high school courses taken and grades earned. The law also requires that the method that yields the highest placement overrides all other methods. For more information, visit: <https://assessment.cccco.edu/>.

In response to this law, the California Community Colleges Chancellor's Office established "default" (standardized) HSGPA ranges for colleges to use as the basis for placing students in English and math courses. Colleges may depart from these standardized HSGPA ranges, but they must provide statistical evidence that such departures meet or exceed the standardized targets set by the California Chancellor's Office, and that students placed into any pre- or corequisite for a transfer-level course are highly unlikely to pass the transfer-level course without it.

When you apply to the Los Angeles Community College District (LACCD) using CCCApply or update your placement information using the LACCD MMAP Web Form on your To-Do Checklist, you will be placed into tiers (groups) of courses in English; math for business, science, technology, engineering, and mathematics (BSTEM) programs; and statistics or liberal arts math (SLAM). If you choose to complete ESL placement, you also will be placed into an ESL tier. These tiers will be combined to produce an "E" placement level (English plus ESL, if completed) and "M" placement level (SLAM plus BSTEM), which will be displayed on your online Student Portal Assessment Page. Each level includes the transfer-level courses cleared for enrollment, as well as optional support courses/services intended to help you succeed at that level.

Guided Self-Placement

If you are not able to provide enough information for automated placement, or you have been away from high school for more than 10 years, or you did not attend or graduate from a US high school or earn a GED or CA High School Proficiency certificate, you may use the Guided Self-placement process. This may involve meeting with a college representative to discuss relevant guidance, including your rights under the law.

Continuing Students

If you were placed prior to summer 2019, you may use the MMAP Web Form shown on your online portal To-Do Checklist to update your placement information. If you completed a placement for enrollment prior to summer 2019, you are not required to adhere to its results. This is especially true if you were placed below transfer-level in English or more than one level below-transfer in math. Instead, you may enroll in any course listed in your new placement message without taking any course below it in the sequence, even if that means skipping several courses that would have been required under the old placement.

How Placement Affects Pre-/Corequisites, Major Requirements, and Math Competency

When you place into a course that is part of a sequence you do not need to take any course lower in that sequence, whether such a course is a pre- or corequisite to any course in the same or any other subject or a prerequisite or requirement for any program.

Here's one of many possible examples: At some colleges, MATH 115 is listed as a prerequisite for courses like CHEM 065, ECON 001, and MATH 125 and possibly as a major requirement for some certificates. All students who complete placement will place higher in the sequence than MATH 115. Therefore, no student is required to take MATH 115 for any reason—they will have satisfied the MATH 115 pre- or corequisite for all courses that require it, and they will have satisfied the MATH 115 requirement for any award programs that list it. Likewise, in a broader example: Students who place into any transfer-level math course are not required to take any below-transfer-level math course for any reason. However, students who intend to earn an associate of arts/science degree and cannot meet math competency through any other means will need to pass a course approved to meet math competency prior to graduation.

If you maintain catalog rights from prior to fall 2019 and have placed into any transfer-level math course, you have met math competency for all AA/AS degrees. If you were admitted in fall 2019 or later, you may meet competency by verifying earning a grade of C- or higher in Algebra 2 or equivalent or higher at a US regionally accredited high school or college, or through other means. See a counselor for details.

The following pages describe the placement levels, criteria for placement, and courses/services aligned with each one.

(DEFAULT) ENGLISH AND ESL PLACEMENT CRITERIA			ELAC ESL	LACC ESL	LAMC ESL	LAPC ESL	LAVC ESL
Code	Description	Criteria*					
E1	Trans-level	2.6≤HSGPA					
E2	Trans-level, optional support	1.9≤HSGPA<2.6					
E3	Trans-level, other optional support	0.0≤HSGPA<1.9					
E4	Trans-level/1-below (ESL)	E1 & E7					
E5	Trans-level, optional support/1-below (ESL)	E2 & E7					
E6	Trans-level, other optional support/1-below (ESL)	E3 & E7					
E8	Trans-level/2-below (ESL)	E1 & E11					
E9	Trans-level, optional support/2-below (ESL)	E2 & E11					
E10	Trans-level, other optional support/2-below (ESL)	E3 & E11					
E12	Trans-level/3-below (ESL)	E1 & E15					
E13	Trans-level, optional support/3-below (ESL)	E2 & E15					
E14	Trans-level, other optional support/3-below (ESL)	E3 & E15					
E16	Trans-level/4-below (ESL)	E1 & E19					
E17	Trans-level, optional support/4-below (ESL)	E2 & E19					
E18	Trans-level, other optional support/4-below (ESL)	E3 & E19					
E20	Trans-level/5-below (ESL)	E1 & E23					
E21	Trans-level, optional support/5-below (ESL)	E2 & E23					
E22	Trans-level, other optional support/5-below (ESL)	E3 & E23					
E7	1-below-transfer (ESL)	EN & ESL=1-below	96≤Accu or MMAP=1 below	99≤Accu or MMAP=1 below	91≤Accu (CSS) or 83≤Accu (CSR) or MMAP=1 below	95≤CELSA or MMAP=1 below	84≤Accu or MMAP=1 below
E11	2-below-transfer (ESL)	EN & ESL=2-below	78≤Accu<96 or MMAP=2 below	92≤Accu<99 or MMAP=2 below	76≤Accu (CSS)<91 or 73≤Accu (CSR)<83 or MMAP=2 below	91≤CELSA<95 or MMAP=2 below	73≤Accu<84 or MMAP=2 below
E15	3-below-transfer (ESL)	EN & ESL=3-below	60≤Accu<78 or MMAP=3 below	85≤Accu<92 or MMAP=3 below	61≤Accu (CSS)<76 or 62≤Accu (CSR)<73 or MMAP=3 below	85≤CELSA91<91 or MMAP=3 below	62≤Accu<73 or MMAP=3 below
E19	4-below-transfer (ESL)	EN & ESL=4-below	50≤Accu<60	73≤Accu<85	46≤Accu (CSS)<61 or 51≤Accu (CSR)<62	70≤CELSA<85	50≤Accu<62
E23	5-below-transfer (ESL)	EN & ESL=5-below	0≤Accu<50	0≤Accu<73	0≤Accu (CSS)<46 or 0≤Accu (CSR)<51	0≤CELSA<70	0≤Accu<50
EN	No English Placement	HSGPA is null					

*HSGPA is the CCCApply value for high school grade point average. For students who are attending or have graduated from a US regionally accredited high school or possess a GED or CA High School Proficiency certificate, any within the last ten years, its value ranges from 0.0 to 4.0. For all other students, its value is null. E1, E2, E3, and EN are automated placement options (following the completion of a CCCApply application). Following automated placement, students who opt to complete ESL assessment will have their placement updated to the code corresponding to that result. When the ESL assessment consists of an automated exam, the update will occur automatically. Otherwise, it will be entered manually by a college representative. Students who complete Guided Self-placement may request to be placed at any placement level, regardless of updated placement resulting from ESL assessment. "Accu" is the Accuplacer exam. LAHC, LASC, LATTC, WLAC use manual ESL assessment processes.

ENGLISH COURSES CLEARED BY COLLEGE (Optional support courses/services vary by college)									
Code	ELAC	LACC	LAHC	LAMC	LAPC	LASC	LATTC	LAVC	WLAC
E1	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101
E2	ENGLISH 101	ENGLISH 101	ENGLISH 101X, 101Y, or 101Z	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101
E3	ENGLISH 101	ENGLISH 101	ENGLISH 101X, 101Y, or 101Z	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101	ENGLISH 101
E4	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 008	ENGLISH 101
E5	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101X, 101Y, or 101Z E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 008	ENGLISH 101
E6	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101X, 101Y, or 101Z E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 E.S.L. 008	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 008	ENGLISH 101
E7	E.S.L. 008	E.S.L. 008	E.S.L. 008	E.S.L. 008	E.S.L. 008	ESL NC	ESL NC	E.S.L. 008	n/a
E8	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 006A&B & ESL 006C	ENGLISH 101
E9	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101X, 101Y, or 101Z E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 006A&B & ESL 006C	ENGLISH 101
E10	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101X, 101Y, or 101Z E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 E.S.L. 006A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 006A&B & ESL 006C	ENGLISH 101
E11	E.S.L. 006A	E.S.L. 006A	E.S.L. 006A	E.S.L. 006A	E.S.L. 006A	ESL NC	ESL NC	E.S.L. 006A&B & ESL 006C	n/a
E12	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 005A&B & ESL 005C	ENGLISH 101
E13	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101X, 101Y, or 101Z E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 005A&B & ESL 005C	ENGLISH 101
E14	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101X, 101Y, or 101Z E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 E.S.L. 005A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 005A&B & ESL 005C	ENGLISH 101
E15	E.S.L. 005A	E.S.L. 005A	E.S.L. 005A	E.S.L. 005A	E.S.L. 005A	ESL NC	ESL NC	E.S.L. 005A&B & ESL 005C	n/a
E16	ENGLISH 101E.S.L. 004A	ENGLISH 101E.S.L. 004A	ENGLISH 101E.S.L. 004A	ENGLISH 101E.S.L. 004A	ENGLISH 101E.S.L. 004A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 004A&B & ESL 004C	ENGLISH 101
E17	ENGLISH 101 E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101X, 101Y, or 101Z E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 004A&B & ESL 004C	ENGLISH 101
E18	ENGLISH 101 E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101X, 101Y, or 101Z E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101 E.S.L. 004A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101 E.S.L. 004A&B & ESL 004C	ENGLISH 101
E19	E.S.L. 004A	E.S.L. 004A	E.S.L. 004A	E.S.L. 004A	E.S.L. 004A	ESL NC	ESL NC	E.S.L. 004A&B & ESL 004C	n/a
E20	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101 ESL NC 061CE, 062CE, or 063CE	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101, ESL 003A&B&C or ESL NC 017CE	ENGLISH 101
E21	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101X, 101Y, or 101Z ESL NC 061CE, 062CE, or 063CE	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101, ESL 003A&B&C or ESL NC 017CE	ENGLISH 101
E22	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101X, 101Y, or 101Z ESL NC 061CE, 062CE, or 063CE	ENGLISH 101 ESL 003A	ENGLISH 101 ESL 003A	ENGLISH 101 ESL NC	ENGLISH 101 ESL NC	ENGLISH 101, ESL 003A&B&C or ESL NC 017CE	ENGLISH 101
E23	ESL 003A	ESL 003A	ESL NC 061CE, 062CE, or 063CE	ESL 003A	ESL 003A	ESL NC	ESL NC	ESL 003A&B&C or ESL NC 017CE	n/a
EN	None								

MATH PLACEMENT CRITERIA

Each "M" placement code is based on the intersection of criteria for each possible combination of BSTEM (Business, Science, Technology, Engineering, and Mathematics majors course) and SLAM (Statistics and Liberal Arts Math courses) tiers. These are applied automatically after completion of a CCCApply application. HSGPA is the CCCApply value for high school grade point average. If the student does not report being a US high school graduate or holder of a GED or CA High School Proficiency Certificate, or attendee of a US high school for at least three years, any within the last ten years, then the entry option for this element is not made available and its value is null. HS High Math is the higher of the two CCCApply values for "highest high school math course taken" and "highest high school math course passed;" for Pierce it is only the former. If the student does not report a HSGPA, the entry option is not made available and its value is null.

DEFAULT		SLAM		
	MN: HSGPA is null	1: $3.0 \leq \text{HSGPA}$	2: $2.3 \leq \text{HSGPA} < 3.0$	3: $0.0 \leq \text{HSGPA} < 2.3$
BSTEM	1: $3.4 \leq \text{HSGPA}$ or $2.6 \leq \text{HSGPA} < 3.4$ & HS Math \geq Calc	M1: $3.4 \leq \text{HSGPA}$ or $3.0 \leq \text{HSGPA} < 3.4$ & HS Math \geq Calc	M2: $2.6 \leq \text{HSGPA} < 3.0$ & HS Math \geq Calc	n/a
	2: $2.6 \leq \text{HSGPA} < 3.4$ & HS Math \leq Pre-Calc or $0.0 < \text{HSGPA} < 2.6$ & HS Math = Pre-Calc	M5: $3.0 \leq \text{HSGPA} < 3.4$ & HS Math \leq Pre-Calc	M6: $2.6 \leq \text{HSGPA} < 3.0$ & HS Math \leq Pre-Calc or $2.3 \leq \text{HSGPA} < 2.6$ & HS Math = Pre-Calc	M7: $0.0 < \text{HSGPA} < 2.3$ & HS Math = Pre-Calc
	3: $0.0 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	n/a	M9: $2.3 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	M10: $0.0 \leq \text{HSGPA} < 2.3$ & HS Math $<$ Pre-Calc
MISSION		SLAM		
	MN: HSGPA is null	1-M: $3.0 \leq \text{HSGPA}$ or $2.6 \leq \text{HSGPA}$ & HS Math \geq Pre-Calc or $0 < \text{HSGPA} < 2.6$ & HS Math \geq Calc	2-M: $0.0 \leq \text{HSGPA} < 3.0$	3-M: n/a
BSTEM	B-M: $2.6 \leq \text{HSGPA}$ & HS Math \geq Calc	MB: $2.6 \leq \text{HSGPA}$ & HS Math \geq Calc	n/a	n/a
	A-M: $0 < \text{HSGPA} < 2.6$ & HS Math \geq Calc	MA: $0 < \text{HSGPA} < 2.6$ & HS Math \geq Calc	n/a	n/a
	1-M: $3.4 \leq \text{HSGPA}$ & HS Math \leq Pre-Calc or $2.6 \leq \text{HSGPA} < 3.4$ & HS Math = Pre-Calc	M1: $3.4 \leq \text{HSGPA}$ & HS Math \leq Pre-Calc or $2.6 \leq \text{HSGPA} < 3.4$ & HS Math = Pre-Calc	n/a	n/a
	2-M: $2.6 \leq \text{HSGPA} < 3.4$ & HS Math $<$ Pre-Calc or $0.0 < \text{HSGPA} < 2.6$ & HS Math = Pre-Calc	M5: $3.0 \leq \text{HSGPA} < 3.4$ & HS Math $<$ Pre-Calc	M6: $2.6 \leq \text{HSGPA} < 3.0$ & HS Math $<$ Pre-Calc or $0.0 < \text{HSGPA} < 2.6$ & HS Math = Pre-Calc	n/a
	3: $0.0 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	n/a	M9: $0.0 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	n/a
PIERCE		SLAM		
	MN: HSGPA is null	1: $3.0 \leq \text{HSGPA}$	2: $2.3 \leq \text{HSGPA} < 3.0$	3: $0.0 \leq \text{HSGPA} < 2.3$
BSTEM	1-P: $0.0 < \text{HSGPA}$ & HS Math \geq Alg II & Grd \geq B	M1: $3.0 \leq \text{HSGPA}$ & HS Math \geq Alg II & Grd \geq B	M2: $2.3 \leq \text{HSGPA} < 3.0$ & HS Math \geq Alg II & Grd \geq B	M3: $0.0 \leq \text{HSGPA} < 2.3$ & HS Math \geq Alg II & Grd \geq B
	2-P: n/a	n/a	n/a	n/a
	3-P: $0.0 \leq \text{HSGPA}$ & Any HS Math & Grd $<$ B	M11: $3.0 \leq \text{HSGPA}$ & Any HS Math & Grd $<$ B	M12: $2.3 \leq \text{HSGPA} < 3.0$ & Any HS Math & Grd $<$ B	M13: $0.0 \leq \text{HSGPA} < 2.3$ & Any HS Math & Grd $<$ B
WEST		SLAM		
	MN: HSGPA is null	1: $3.0 \leq \text{HSGPA}$	2: $2.3 \leq \text{HSGPA} < 3.0$	3: $0.0 \leq \text{HSGPA} < 2.3$
BSTEM	1: $3.4 \leq \text{HSGPA}$ or $2.6 \leq \text{HSGPA} < 3.4$ & HS Math \geq Calc	M1: $3.4 \leq \text{HSGPA}$ or $3.0 \leq \text{HSGPA} < 3.4$ & HS Math \geq Calc	M2: $2.6 \leq \text{HSGPA} < 3.0$ & HS Math \geq Calc	n/a
	2-W: $0.0 \leq \text{HSGPA} < 3.4$ & HS Math = Pre-Calc	M5: $3.0 \leq \text{HSGPA} < 3.4$ & HS Math = Pre-Calc	M6: $2.3 \leq \text{HSGPA} < 3.0$ & HS Math = Pre-Calc	M7: $0.0 < \text{HSGPA} < 2.3$ & HS Math = Pre-Calc
	3: $0.0 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	n/a	M9: $2.3 \leq \text{HSGPA} < 2.6$ & HS Math $<$ Pre-Calc	M10: $0.0 \leq \text{HSGPA} < 2.3$ & HS Math $<$ Pre-Calc

MATH COURSES CLEARED BY COLLEGE (Optional support courses/services vary by college)									
Code	ELAC	LACC	LAHC	LAMC	LAPC	LASC	LATTC	LAVC	WLAC
MB	n/a	n/a	n/a	MATH 215, 227, 230, 265	n/a	n/a	n/a	n/a	n/a
MA	n/a	n/a	n/a	MATH 215, 227, 230, 260	n/a	n/a	n/a	n/a	n/a
M1	MATH 215, 227, 230, 235, 241, 245, 260	MATH 227, 230, 236, 245, 260	MATH 215, 227 or 227S, 230, 234, 240, 260	MATH 215, 227, 230, 238, 240S, 245	MATH 215, 227 or 228A, 238, 240, STAT 001, 101	MATH 215, 227, 236, 240, 245, 260	MATH 215, 227 or 227S, 230, 235, 236, 241 or 241S, 245, 260	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 241 or 241S, 245
M2	MATH 215, 227S, 230, 235, 241, 245, 260	MATH 227, 230, 236, 245, 260	MATH 215, 227 or 227S, 230, 234, 240, 260	n/a	MATH 215, 227 or 227P or 228A, 238, 240, STAT 001, 101	MATH 215, 227, 236, 240, 245, 260	MATH 215, 227 or 227S, 230, 235, 236, 241 or 241S, 245, 260	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 241 or 241S, 245
M3	n/a	n/a	n/a	n/a	MATH 215, 227 or 227P or 228A, 238, 240, STAT 001, 101	n/a	n/a	n/a	n/a
M5	MATH 215, 227, 230, 235, 241S, 245, 260	MATH 227, 230, 236, 245, 260	MATH 215, 227 or 227S, 230, 234, 240, 260	MATH 215, 227, 230, 238, 240S, 245	n/a	MATH 215, 227, 236, 240, 245, 260	MATH 125 or 125S, 215, 227 or 227S, 230	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 241 or 241S, 245
M6	MATH 215, 227S, 230, 235, 241S, 245, 260S	MATH 227, 230, 236, 245, 260	MATH 215, 227 or 227S, 230, 234, 240, 260	MATH 215, 227A or 227S, 230, 238, 240S, 245C & 245L	n/a	MATH 215, 227, 236, 240, 245, 260	MATH 125 or 125S, 215, 227 or 227S, 230	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 241 or 241S, 245
M7	MATH 227S, 235, 241S, 245, 260S	MATH 227, 230, 236, 245, 260	MATH 137, 234, 240, 260	n/a	n/a	MATH 215, 227, 236, 240, 245, 260	MATH 125 or 125S, 137	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 241S, 245
M9	MATH 215, 227S, 230, 125 or 125S	MATH 227, 230, 236, 245, 260	MATH 125 or 125S, 134, 137215, 227 or 227S, 230	MATH 134, 215, 227A or 227S, 230	n/a	MATH 215, 227, 236, 240, 245, 260	MATH 125 or 125S, 215, 227 or 227S, 230	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 245
M10	MATH 125 or 125S, 137	MATH 227, 230, 236, 245, 260	MATH 125 or 125S, 134, 137	n/a	n/a	MATH 215, 227, 236, 240, 245, 260	MATH 125 or 125S, 137	MATH 215, 227, 238, 240, 245, 259, STAT 101	MATH 215, 227 or 227S, 230, 245
M11	n/a	n/a	n/a	n/a	MATH 227 or 227P or 228A, STAT 001, 101	n/a	n/a	n/a	n/a
M12	n/a	n/a	n/a	n/a	MATH 227 or 227P or 228A, STAT 001, 101	n/a	n/a	n/a	n/a
M13	n/a	n/a	n/a	n/a	MATH 227 or 227P or 228A, STAT 001, 101	n/a	n/a	n/a	n/a
MN	None								