C H A B O T - L A S P O S I T A S | *Community College District*

ASSEMBLY BILL 705 @ LAS POSITAS COLLEGE

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Nan Ho, Dean of Science, Technology, Engineering and Mathematics
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Ensuring Implementation of AB 705 at LPC

- Curricular and Scheduling Changes
- Informing Students
- Guiding and Supporting Students

ENGLISH RESPONSE TO AB 705

2.5+ HS GPA

Any GPA

OPTIONAL

Below Transfer Level

ENGLISH 104
4 Units
(3 Hrs Lecture + 3 Hrs Lab)

Transfer Level

ENGLISH 1A
3 Units
(3 Hrs Lecture + 1 Hr Lab)

ENGLISH 1AEX
4 Units
(3 Hrs Lecture + 3 Hrs Lab)

ENGLISH 1A
3 Units
(3 Hrs Lecture + 1 Hr Lab)

ENGLISH 4 or 7
3 Units
(3 Hrs Lecture)

MATH RESPONSE TO AB 705

Las Positas College Mathematics Department
Pathways to First Transfer-Level Math

AB 705 encourages students with a goal to transfer to enroll
directly into a first transfer-level math course.
If a student's academic goal is an Associate Degree, they can achieve their goal
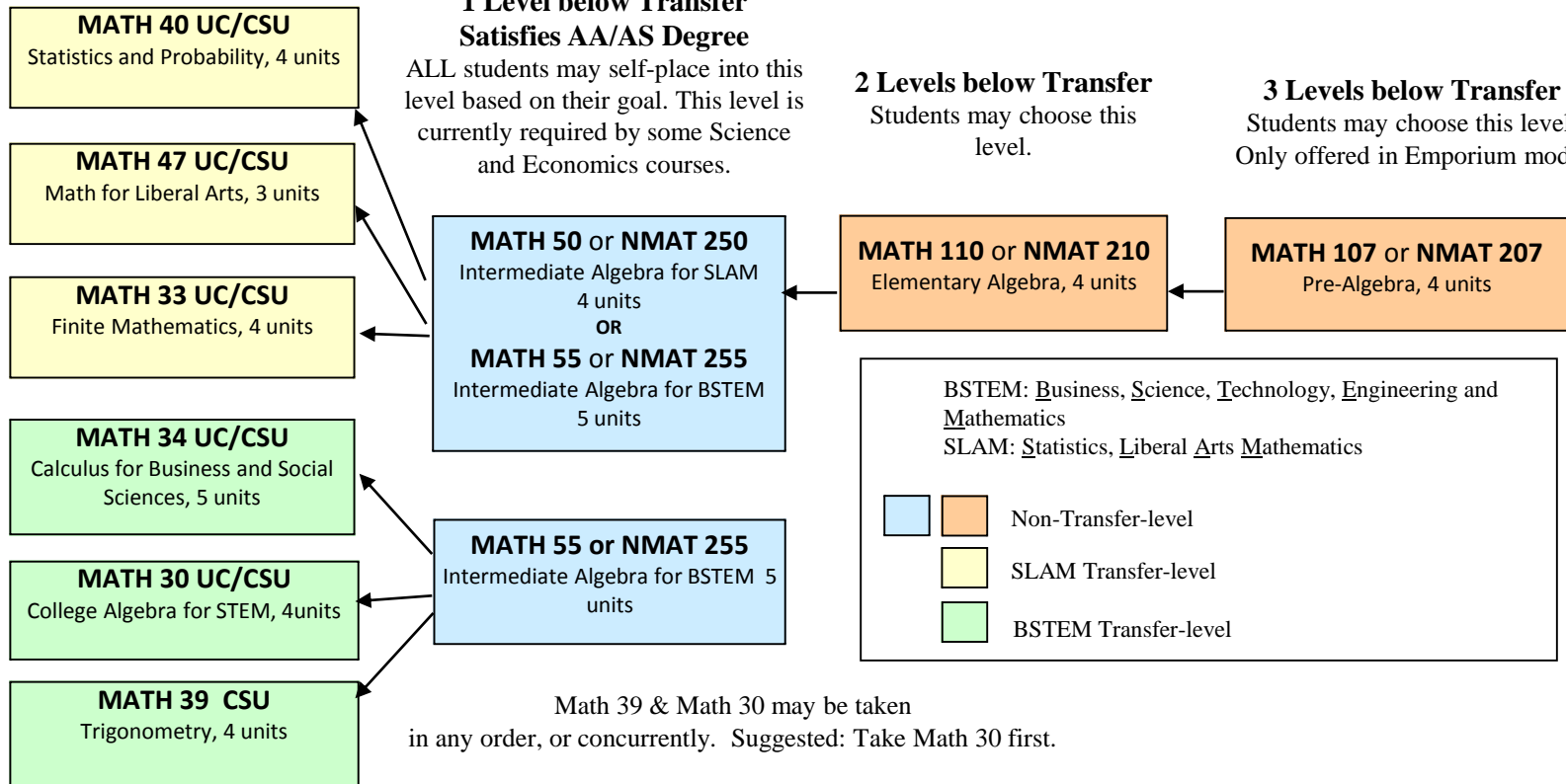with an Intermediate Algebra class (1 level below transfer).

First Transfer-Level Math
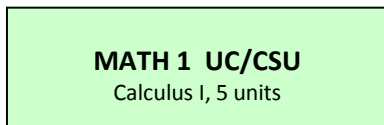ALL students may self-place
into this level.

1 Level below Transfer
Satisfies AA/AS Degree
ALL students may self-place into this
level based on their goal. This level is
currently required by some Science
and Economics courses.

2 Levels below Transfer
Students may choose this
level.

3 Levels below Transfer
Students may choose this level.
Only offered in Emporium mode.

MATH 40 UC/CSU
Statistics and Probability, 4 units

MATH 47 UC/CSU
Math for Liberal Arts, 3 units

MATH 33 UC/CSU
Finite Mathematics, 4 units

MATH 50 or **NMAT 250**
Intermediate Algebra for SLAM
4 units
OR
MATH 55 or **NMAT 255**
Intermediate Algebra for BSTEM
5 units

MATH 110 or **NMAT 210**
Elementary Algebra, 4 units

MATH 107 or **NMAT 207**
Pre-Algebra, 4 units

MATH 34 UC/CSU
Calculus for Business and Social
Sciences, 5 units

MATH 30 UC/CSU
College Algebra for STEM, 4units

MATH 39 CSU
Trigonometry, 4 units

MATH 55 or NMAT 255
Intermediate Algebra for BSTEM 5
units

BSTEM: Business, Science, Technology, Engineering and
Mathematics
SLAM: Statistics, Liberal Arts Mathematics

☐ Non-Transfer-level

☐ SLAM Transfer-level

☐ BSTEM Transfer-level

Math 39 & Math 30 may be taken
in any order, or concurrently. Suggested: Take Math 30 first.

Second Transfer-Level Math

MATH 1 UC/CSU
Calculus I, 5 units

Students can place into MATH 1: Calculus I via:
•Pass MATH 30 and MATH 39, or
•HS GPA ≥ 3.0 and A, B, or C in HS Precalculus all academic year, or
•HS Calculus with A, B, or C.
Students can place into MATH 2: Calculus II with AP AB score 3, 4, or 5.
Students can place into MATH 3: Multivariable Calculus with AP BC score 3, 4, or 5.

Enroll with Confidence! Choose one or more supports.

MATH JAM BOOTCAMP COURSES

Award-winning, 1-week before the semester starts, & tuition-free!

Offered the week before the Fall and Spring semesters. Innovative learning interventions help you prepare for upcoming mathematic courses. Proven to increase student success and retention rates!

NMAT 261
Math Jam for Pre-Algebra

NMAT 262
Math Jam for Elementary Algebra

NMAT 263
Math Jam for Intermediate Algebra

NMAT 264
Math Jam for SLAM
(Statistics, Liberal Arts Math)

NMAT 265
Math Jam for BSTEM (Business Calculus, College Algebra, and Trigonometry)

MATH 66[*] 1 unit
Math Jam for Calculus
(Calculus I, II & III)
*Offered for credit only

CONCURRENT SUPPORT COURSES

NEW! Jam all semester long with RECOMMENDED support *during* the semester.

Offered for credit or tuition-free (noncredit). Aligned with your math course and designed with innovative strategies to provide math and learning support while taking your math class.

NMAT 200C or MATH 100C
Concurrent Support for SLAM
(Statistics, Liberal Arts Math)

NMAT 201C or MATH 101C
Concurrent Support for BSTEM
(Business Calculus, College Algebra, and Trigonometry)

MATH 66C[*] 1 unit
Concurrent Support for
Calculus I, II and III
* Offered for credit only

NMAT 255C or MATH 55C
Concurrent Support for
Intermediate Algebra

NMAT 210C or MATH 110C
Concurrent Support for
Elementary Algebra

FOUNDATIONAL and ASSOCIATE'S DEGREE LEVEL COURSES

Solidify your math understanding *prior* to Intermediate Algebra or transfer - level. We offer credit and tuition-free (noncredit) foundational and associate degree level math courses to meet your learning needs.

Math 55 (5 units)
or
NMAT 250
Intermediate Algebra
for BSTEM
(Business and STEM fields)

Math 50 (4 units)
or
NMAT 250
Intermediate Algebra
for SLAM
(Statistics, Liberal Arts Math)

Math 110 (4 units)
or
NMAT 210
Elementary Algebra

Math 107 (4 units)
or
NMAT 207
Prealgebra

Effect on Courses with Math Prerequisites

Disciplines have decided on new prerequisite equivalents.

	CHEM 30A (prerequisite MATH 110)	CHEM 31 (prerequisite MATH 55)	ECON 1 and 2 (prerequisite MATH 55)
MATH 110 - Elementary Algebra	Yes	No	No
MATH 50 - Intermediate Algebra for SLAM	Yes	No	No
MATH 55 - Intermediate Algebra for STEM	Yes	Yes	Yes
MATH 30 - College Algebra for STEM	Yes	Yes	Yes
MATH 39 - Trigonometry	Yes	Yes	Yes
MATH 34 - Calculus for Business & Soc. Sciences	Yes	Yes	Yes
MATH 33 - Finite Mathematics	Yes	Yes	Yes
MATH 40 - Statistics & Probability	No	No	No
MATH 47 - Math for Liberal Arts	No	No	No
HS Algebra 2 or higher OR Integrated Math 3	Yes	Yes	Yes
HS Algebra 1 or higher OR Integrated Math 2	Yes	No	No
HS GPA>=	3	3	3
Additional info or Considerations	HS GPA "AND" class	HS GPA "AND" class	HS GPA "AND" class

Number of Course Offerings Reflects AB 705 Implementation

Change in Number of Sections From Fall 2018 and Fall 2019:

English

- First level transfer sections   44 ➜ 53 (+ 20.5%)
- Below transfer level sections   12 ➜ 3   (- 75.0%)

Math

- First level transfer sections   38 ➜ 47 (+ 23.7%)
- Below transfer level sections   28 ➜ 9   (- 67.9%)

COLLEGE-WIDE RESPONSE TO AB 705

Supporting Students

LPC works to maximize student completion of transfer-level English and math courses by providing academic and student programs such as:

- Embedded-support curriculum
- Concurrent-support curriculum
- Non-credit curriculum
- Reading and Writing (RAW) Center
- Math Jam
- Smart Shops
- Tutoring
- Academic Counseling
- Educational Planning

LPC Commitment

Las Positas College is committed to providing academic and student support services to achieve the goal of maximizing the probability students will enter and complete transfer-level coursework in English and math.

Questions?

Thank you for the opportunity to present.