College: **Berkeley City College**   Articulation Officer: **Joseph Bielanski**

Name of District Researched (if any):
Acceptable ways to fulfill MATH requirement: Please see below, pages 3-5, which provides information from these colleges: Venture, Mt. San Jacinto, Riverside, Las Positas, Chabot, Riverside CCD, and West Valley. This shows various ways for students to complete the Mathematics requirement for AA/AS degrees.
College MATH Department
Discussion: At the BCC Mathematics Department meeting on 10/19/2022, they endorsed to allow students to fulfill the Mathematics General Education requirement for the local degree with the multiple options mentioned above. The Mathematics Department also referenced the Title 5 regulation (from 2019 and listed on page 6 below.
Recommendation: Move forward using other applicable options to satisfy the Mathematics GE requirement for local AA/AS degrees.
College Curriculum Committee
Discussion: An agenda item for the 10/22/2022 BCC Curriculum Committee meeting was – "AA/AS Degree GE Fulfillment Options: Report back from Math Department discussion." The Mathematics Department Faculty member on the BCC Curriculum Committee provided information from the Mathematics Department meeting (as cited above). The discussion ultimately was to endorse this recommendation.
Recommendation: The BCC Curriculum Committee endorsed this request. It will now move to the BCC Academic Senate for review.
College Academic Senate
Discussion:
Recommendation:

I

I've appended below a copy of our district's policy on the AA/AS math competency requirement. I am not familiar with how these are transcripted, so I'm only able to answer the first of your two questions.

Mathematics- Minimum competency in mathematics is satisfied by one of the following:
1. Successful completion (A, B, C, or P) of a college mathematics course in Intermediate Algebra; or
2. Successful completion (A, B, C, or P) of a course offered by the college mathematics department with an Intermediate Algebra or
higher prerequisite; or
3. Successful completion (A, B, C, or P) of a course offered by a different department with an enforced prerequisite of Intermediate
Algebra or higher; or
4. A score of 3 or higher on the AP Calculus AB or Calculus BC exam; or
5. A score of 3 or higher on the AP Statistics exam; or
6. A score of 4 or higher on the IB Mathematics HL exam; or
7. A score of 50 or higher on the CLEP College Mathematics or Precalculus exam; or
8. Successful passing of the VCCCD math competency exam; or
9. Successful completion (A, B, C, or P) of any course offered by the college's math department, or approved by the math department if
offered by another department, which includes demonstrated ability in all of the following:
• Simplify rational expressions and solve rational equations
• Solve problems and applications involving systems of equations in three variables
• Graph systems of inequalities in two variables
• Simplify expressions involving positive, negative, and rational exponents
• Perform mathematical operations on radical expressions and solve radical equations
• Solve quadratic equations and their applications using multiple methods
• Graph and evaluate elementary functions. Use definitions, domain and range, algebra and composition of functions on related
applications.
• Solve elementary exponential and logarithmic equations and related applications.

Michael S. Bowen | *Professor Emeritus of Physics and Mathematics (he/él/er/彼)*
Immediate Past Articulation Officer and Curriculum Committee Co-chair
Ventura College | *4667 Telegraph Road, Ventura, California 93003*
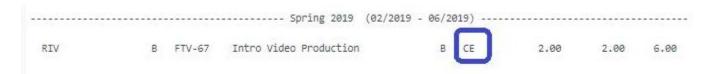*www.venturacollege.edu | ☎ 805.651.9293 | mbowen@vcccd.edu*

II

AREA G— Math Competency			
	C	**IP**	**N**
Mathematics May be demonstrated by **(1)** Completing MATH-096 or any other Math course at a higher level with a grade of "C" or better; **(2)** Completing PSYC/SOCI-121 with a grade of "C" or better; **(3)** Receiving a passing score on CLEP, AP, or IB Exams for a Math course; **(4)** Receiving a passing score on credit by examination for MATH-096.			

Lyndsey Tone
Pronouns: She, Her, Ella
Articulation Officer/Counselor
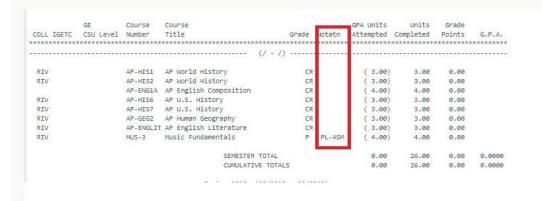Mt. San Jacinto Community College, San Jacinto Campus

III

This is how Credit by Exam or HS Articulation looks...

```
-------------------------------------- Spring 2019  (02/2019 - 06/2019) --------------------------------------

RIV          B  FTV-67   Intro Video Production      B  [CE]      2.00      2.00      6.00
```

We do not post IB, Transfer Credits, EAP, etc.

IB/Transfer credits are backend entries.   Below is the AP, CLEP and Credit for Prior Learning.

```
           GE       Course   Course                           GPA Units    Units    Grade
COLL IGETC CSU Level Number   Title                Grade Notatn Attempted Completed  Points   G.P.A.
********************************************************************************************************

------------------------------------------- (/ - /) ------|--------|-------------------------------------

RIV                 AP-HIS1   AP World History       CR   |      | ( 3.00)   3.00     0.00
RIV                 AP-HIS2   AP World History       CR   |      | ( 3.00)   3.00     0.00
                    AP-ENG1A  AP English Composition CR   |      | ( 4.00)   4.00     0.00
RIV                 AP-HIS6   AP U.S. History        CR   |      | ( 3.00)   3.00     0.00
RIV                 AP-HIS7   AP U.S. History        CR   |      | ( 3.00)   3.00     0.00
RIV                 AP-GEG2   AP Human Geography     CR   |      | ( 3.00)   3.00     0.00
RIV                 AP-ENGLIT AP English Literature  CR   |      | ( 3.00)   3.00     0.00
RIV                 MUS-3     Music Fundamentals     P    |PL-ASM| ( 4.00)   4.00     0.00

                              SEMESTER TOTAL                      0.00     26.00     0.00    0.0000
                              CUMULATIVE TOTALS                   0.00     26.00     0.00    0.0000
```

Riverside

IV
1.) Submit Documentation showing completion of Algebra 2 or Integrated Math 3 in High School with a 'C' or higher, an AP score of 3 or higher, an IB score of 4 or higher, or a CLEP score of 50 or higher.
2.) Complete one of the mathematics courses listed below at Las Positas College (with a grade of "C" or higher or "P").
3.) Submit Documentation showing completion of one of the mathematics courses listed below (or equivalent) at another institution (with a grade of "C" or higher or "P").

We don't transcript Mathematics Proficiency. A student would see that it was forced complete with some kind of language in DegreeWorks.

Craig Kutil
Las Positas

V.
We only list our options on our local AA/AS GE sheet under Math Proficiency https://www.chabotcollege.edu/counseling/transfer/docs/ge-transfer-flyers/aa-as%20ge%202022-23.pdf. We do not transcript the method by which the local Math Proficiency has been met.

OR Demonstrate proficiency at, or beyond, intermediate algebra with one of the following: AP Statistics or Calculus Exam (score of "3" or higher); CSU EAP Math with "Standard Meet" or "Standard Exceeded"; second semester of high school Algebra 2 or Integrated Math 3 (or higher) with a minimum grade of C-; Chabot College Accuplacer (no longer offered).

SHANNON STANLEY, M.S. (*She/Her)*
Counselor | Articulation Officer
(510) 999-4638 | **Chabot College**

VI

For our math competency requirement we have the following:

V. Competency Requirement (0-8 Units)
A. Students must demonstrate minimum proficiency in mathematics by the successful completion of a Riverside Community College District mathematics course with a "C" or higher selected from Math 1-36 (excluding MAT-32), MAT-53, PSY/SOC-48 or the equivalent [CLEP, AP/IB Exams, Credit by Exam, other pathways such as courses from other colleges/ universities, or Early Assessment Test (EAP for CSU, MCAP)].

Then for the local GE pattern, our Communication and Analytical thinking has a variety of courses across different disciplines, like communication studies, computer information systems, math, psychology, philosophy, and sociology. I believe if a student has appropriate transfer credit or credit from an AP exam that it can be applied to the GE pattern. We have a variety of language throughout the catalog regarding credit from AP, IB, CLEP or credit by exams, how it applies to courses, which specific courses it applies to, restrictions, etc.

I hope that helps! If you're looking for other information, just let me know.

Bryan Medina
Instructional Support Coordinator | District Educational Services
Riverside Community College District

VII

Mathematics:
   A. MATH 104, 106, 106R or higher with a grade of "C" or better, or
   B. Completion of two semesters of high school Algebra 2, Integrated Math 3, Common Core Math 3, or higher with a grade of "C-" or better in both semesters.
   Note: High schools have a plus / minus grade option, but West Valley College does not. West Valley College will accept a "C-" from the high school.
West Valley (Michael West

Title 5

Cal. Code Regs. Title. 5 § 55063: "Effective for all students admitted to a community college for the Fall 2019 term or any term thereafter, competence in mathematics shall be demonstrated by obtaining a satisfactory grade in a mathematics course at or above the level of the course typically known as Intermediate Algebra (either Intermediate Algebra or another mathematics course at or above the same level, with the same rigor and with Elementary Algebra as a prerequisite, approved locally) **or by demonstrating competency that is comparable to satisfactory completion of a mathematics course at or above the level of the course typically known as Intermediate Algebra, determined locally. Satisfactory completion of a mathematics course at or above the level of Intermediate Algebra shall satisfy both this competency requirement** and the coursework requirement set forth in subdivision (b)(1)(D)(ii) of this section."