



California Mathematics Council Community Colleges

President's Report

Cortney Schultz, CMC³ President, Santa Rosa Junior College



Are you all enjoying your summer? I sincerely hope that you are taking a much-deserved break. We need it after this year – really, the last few years. Let's start with the fun stuff! We wrapped up the end of the spring 2024 semester with the virtual scholarship ceremony. Once again, we awarded a total of \$6,000 in scholarships to deserving CA community college

students interested in further studying mathematics. Congratulations to Vishal Duggal (CCSF), Seth Villacencio (CCSF), and Seth Sarkar (SRJC)!

Unfortunately, we did not have any applications to be the Student Speaker at the Spring Virtual conference. We hope that you encourage your students to apply next year.

If you missed any of the presentations during the Spring 2024 Speaker Series, know that all the sessions were recorded. Please send an email to president@cmc3.org and I will get those recording links to you so that you have access to those presentations.

The Board is working hard planning the Fall 2024 Conference at Solano Community College over the summer. The conference will be on Friday, November 1st and Saturday, November 2nd (not the week before finals – yay!) and the theme is “Community”. This is the first year we are moving the conference away from Monterey, and it's going to be different. Although different, we now have the flexibility to include some things that we were not able to do at Monterey, like a welcome dinner, a campus tour on Friday night, and more! You'll just have to show up to see

what else we have in store for you.

To find out more information about hotel reservations for the Fall conference, go to our conference web page. Please consider signing up to become a presenter – you will receive a \$100 discount on registration. We are especially looking for faculty to talk about new, innovative courses they have created in response to AB1705.

Now let's move on to the hot topic of the last couple years, AB1705. This piece of legislation is intended to be the focus of this edition of the CMC³ newsletter. The Chancellor's Office sent out a form to every CA community college in early March that did not pass the validation study to choose one of four options in moving forward with their math courses with a deadline of July 1, 2024.

These options include:

- Option A – STEM Calculus 1 Implementation
- Option B – Apply for Validation Approval
- Option C – Apply for Interim Approval
- Option D – Implement an Innovative Course

Throughout the course of this newsletter, we will share the choices of some colleges from around the state. At this point in time, your college has already made its decision about which option your department will go with moving forward. In making this decision, we hope to connect you with your colleagues from around the state who have chosen the same option.

A big part of the mission of CMC³ is to provide a forum through which Community College mathematics faculty in Northern and Central California can express themselves professionally, and we would like to hear from YOU! What is your college doing? How are you tackling AB1705? How are you connecting with students? What mathematical topic has captured your attention of late? Please write to us at newsletter-coordinator@cmc3.org

Upcoming Board Member Vacancies

S e c r e t a r y P r e s i d e n t - E l e c t

We are looking to fill these positions
in the near future.

Training and support will be
provided.

To inquire about filling a position,
contact

president@cmc3.org

AB1705 STEM Validation – What's Happening at Colleges around the State?

Here are some of the different paths that schools are choosing in the face of AB1705:

At Moorpark, we voted on moving forward with Option D and we will be hosting a brainstorming session to help us think through the "innovation" component of our preparatory course. We have course-embedded-tutors in all precalculus/college algebra/trigonometry sections, and starting Fall 2024, every Business Calculus section will also have an embedded tutor. A success (completion in parent course, retention in parent course, and # of non-duplicated visits all increased) of our re-vamped course-embedded-tutoring program was including tutor-led study skills presentations during class time on topics such as time management, note-taking skills, how to create a test review sheet; plus a 2-way texting element. Along the lines of curriculum, we do not have CORs for a co-req. calculus course and we anticipate this is likely a summer project to meet our Curriculum deadlines. Our sister colleges do have CORs ready that we could adapt/adopt from them. On that note, we have an inter-college AB 1705 math work group to share ideas and establish uniformity in course expectations and procedures between our math departments. One example is a request to reduce our class cap size from 40-45 to 25-30 starting Fall 2025. Lastly, in early March, we hosted a High School & Community College Collaboration Event, inviting our local HS math colleagues to come learn about what's happening at our campus, introduce them to AB 705/1705 (most were unaware we stopped offering Algebra 2), and provide suggestions on what teachers/counselors can do at the HS level to make students college ready. Many of our HS colleagues were highly interested in dual enrollment partnerships.

- Claudia Gutierrez, Moorpark College

Napa Valley College chose Option A. Starting in Fall, we will be offering our Calculus 1 class with a co-req and restricting enrollment in college algebra to students who are not required to take calculus. We are also discontinuing trigonometry as it doesn't seem to fit into this new structure at all.

- Shawna M. Bynum, Napa Valley College

Santa Rosa Junior College elected to choose the 3 year option (Option C) because none of the provided data reflect any of the changes of the last year that have already been

made. A co-requisite for Calculus 1 has been created to be ready to run in Fall 2025, not sure about placement yet. Co-requisite courses were also created for finite math and business calculus because pass rates are not good for those courses.

- Jen Carlin-Goldberg, Santa Rosa Junior College

City College of San Francisco (CCSF) went with Option D. CCSF has a class that was developed as a statistics pathway and has some statistics with some algebra, called preparation for statistics, so that was used as a framework when they created a course called "beginning calculus" with some foundations necessary for the course with an introduction to calculus concepts. The support course will have more precalculus and trigonometry. This course is already going through the curriculum system as GE courses in particular are also needing to be looked at and the system will be overwhelmed. Katia is happy to share their course if that is useful, incorporating precalculus with support and introductory calculus ideas, where students would then enter Calculus 1. They are also working with counselors as well in connection with the changes.

- Katia Fuchs, City College of San Francisco

After meeting with representatives from the Chancellor's Office, in which it was made clear that a college with small data would never meet the AB1705 requirements as interpreted by the CCCCO, Mendocino College has decided to bar enrollment of STEM majors from STEM courses below Calculus I beginning in Fall 2025. As a result, we do not expect to continue offering Trig or Precalculus after summer 2025. We are still exploring ways that we might be able to offer these courses to non-STEM majors who need them for other program requirements or because they are interested in taking the courses. As a small college, we expect enrollment numbers to be a challenge when it comes to offering these courses.

The college has offered an open-entry Calculus I with a 2-unit co-requisite (FA23) and an open entry Precalculus with a 2-unit co-requisite (SP24) and will do so again in the coming year. Results have been mixed, but it is clear that students without the traditional preparation are less likely to successfully complete the Calculus course.

- Leslie Banta, Mendocino College

The administrators are dictating what option faculty will take. Faculty have little to no choice. The administration chose to go with Option A.

- James Sullivan, Sierra College



CMC3 AUGUST BOARD MEETING

Monday, August 12
7-8:30PM on Zoom

Meeting ID: 865 3553 4734

Join Us!

PRESENTERS NEEDED

**Submit a proposal for
the fall conference.
If accepted, you will
receive a \$100
discount on
registration.**

<https://www.cmc3.org/conferences/fall/>

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