

MOORPARK COLLEGE BOARD OF TRUSTEES REPORT MARCH 2025

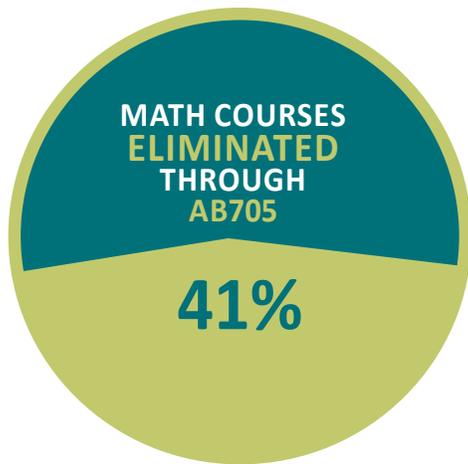


AB705/1705 MATH DEPARTMENT OVERVIEW

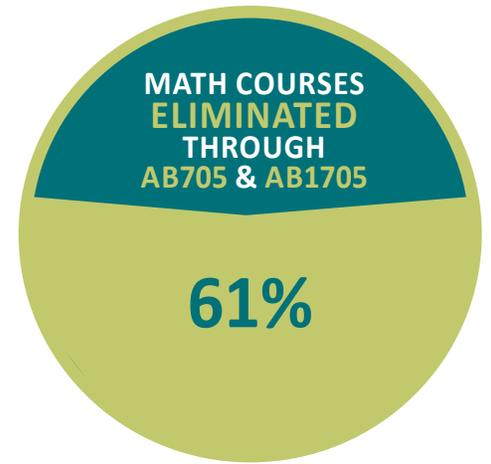
Following the implementation of Assembly Bill (AB) 705 and its successor, AB 1705, Moorpark College Mathematics Department has led efforts to transform the student experience in mathematics, aligning with legislative mandates to increase student access and success in transfer-level coursework.

AB 705 requires community colleges to place students directly into transfer-level mathematics. As a result, **41% of the 2018 math courses offered at Moorpark College are no longer offered**, marking a significant shift in approach and pedagogy.

AB 1705 further reinforces this by requiring Science Technology Engineering Math (STEM) students to be placed into the gateway transfer-level course for their degree, relying on high school GPA and prior coursework for placement, starting Fall 2027. **AB 705 and AB 1705 combined will have slashed 61% of our course offerings since 2018.**



IN FALL 2018
41% OF 152
COURSES OFFERED
WERE ALGEBRA I
AND ALGEBRA II



IN FALL 2023
NONE OF 131
COURSES OFFERED
WERE ALGEBRA I
AND ALGEBRA II

FROM FALL 2023 TO FALL 2024
OVERALL SUCCESS RATE IN MATH
INCREASED BY 3.6%

AN ADDITIONAL
147 STUDENTS SUCCESSFULLY PASSED MATH



MATH DEPARTMENT KEY INNOVATIONS & INITIATIVES

Moorpark College has proactively responded to the mandates of AB 705 and AB 1705 through thoughtful innovation, restructuring, and support systems aimed at improving student outcomes. These efforts reflect the college's commitment to academic excellence, equity, and student achievement within the new legislative framework.

CURRICULAR REDESIGN: INNOVATIVE COURSES

Math M24 – Calculus I Readiness for STEM:

A preparatory course designed for students with GPAs below 2.6 before enrolling in Calculus I (to be offered Fall 2026)

Math M25AE – Integrated Calculus I: A 2-unit corequisite course for Calculus I to support students who may need additional assistance (to be offered as a pilot Fall 2025 and expanded in Fall 2026).

Traditional pre-Calculus and College Algebra courses for STEM students (Math M05 and M07) are being phased out and retained only for non-STEM majors.

INSTRUCTIONAL PRACTICES

Implementation of flipped classrooms, mastery-based learning, standards-based grading, and the use of entrance and exit tickets to enhance engagement and comprehension.

Adjustments to testing including shortening assessments and/or extending the time for completion to accommodate diverse student needs.

Employing activities in math and English classrooms to promote a Sense of Belonging at Moorpark College.



EMBEDDED SUPPORT

21 math courses now include Course Embedded Tutors (CETs)

Tutors conduct classroom visits and follow up with in-center assignments

Two-way texting between tutors and students to provide real-time academic support



PROFESSIONAL LEARNING COMMUNITIES: COLLABORATION

Districtwide Math Department Collaboration

Applied Calculus Faculty Community

Cross-discipline Book Communities with English faculty



FUTURE PLANS & STATE GUIDANCE

The state has **postponed full implementation** of AB 1705 until Fall 2027.

Starting Fall 2025, Moorpark will offer three recommended **pathways for STEM**:

MOORPARK COLLEGE MATH STEM CLASSES



3 Recommended Pathways for STEM Students Taking Mathematics Courses

All **STEM** students who have **NOT** successfully completed Integrated Math 3, or Intermediate Algebra, or equivalent, may take a **TWO SEMESTER** path to Calculus with Analytic Geometry I.

Math M05
College Algebra for STEM

Math M06
Trigonometry

Math M25A
Calculus with Analytic Geometry I

All **STEM** students who have successfully completed no higher than Integrated Math 3 or Intermediate Algebra may take a **ONE SEMESTER** path to Calculus with Analytic Geometry I.

Math M07
Pre-Calculus and Trigonometry

Math M25A
Calculus with Analytic Geometry I

All **STEM** students who have successfully completed Integrated Math 4, Trigonometry, Precalculus, or equivalent, will enroll directly into Calculus with Analytic Geometry I (with or without the corequisite course, M25AE).

Math M25A
Calculus with Analytic Geometry I

+

Math M25AE
Integrated Calculus I
Optional; may be offered as a Pilot

Notes:

1. All students may enroll directly into Math 25A Calculus with Analytic Geometry I, regardless of prior preparation (right box).
2. Students in the lower groups (left of middle box) may always choose to take the faster route (middle or right boxes respectively).
3. Students in a higher group (middle or right boxes) may not choose to take a slower route.

IN THE NEWS

February 27, 2024

Texting to Get Tutoring in Students' Hands

Students in English and math courses at Moorpark College weren't using tutoring services, but now they can text their tutor to get help at their fingertips. The initiative has increased engagement with tutoring and raised passing rates in the participating courses.

August 06, 2024

Teaching Tip: Giving Students Extra Time for Tests

Mathematics faculty members at Moorpark College piloted an intervention to increase allotted time for all students to complete math tests—and saw more students pass.

By Ashley Moenstador

January 30, 2025

A Book Club for Faculty Professional Development

Moorpark College created a community of practice centered around learning and instructional design. Faculty committed to apply evidence-based interventions in the classroom and saw improvements to their DFW rates.

By Ashley Moenstador

<https://www.insidehighered.com/news/student-success/academic-life/2024/02/27/two-way-texting-encourages-students-use-tutoring>

<https://www.insidehighered.com/news/student-success/academic-life/2024/08/06/math-professors-extend-testing-time-college-students>

<https://www.insidehighered.com/news/student-success/academic-life/2025/01/30/professor-book-discussions-lead-more-effective>



AB1705 ENGLISH DEPARTMENT OVERVIEW

As one of the early innovators of acceleration, **Moorpark College English department eliminated placement testing in the early 2000s**, instead adopting a self-placement process for students to choose which English class was right for them. When AB 1705 came along twenty years later, it was an easy transition to transfer-level-only English because the department already had an “acceleration mindset”—and in fact MC had one of the highest English completion rates in the state! However, success rates aren’t quite as high as they once were, perhaps due to the pandemic, a big shift to online learning, and the elimination of all remedial courses. **MC English is vigorously engaging in a number of initiatives, funded by the AB 1705 grant**, to keep improving completion rates and **close equity gaps for English MO1A, a required course for all students**. We are excited about the innovations because we are seeing them improve success!

KEY INNOVATIONS: TUTORING & FACULTY DEVELOPMENT

For students with lower high school GPA, we suggest they take English 1A plus a non credit corequisite course which gives them an extra lab hour, an embedded writing coach, faculty who regularly meet in a COP (community of practice), and a lower class size. **English 1A+91AS currently has the highest success rate in the department.**

For online English 1A courses, faculty are encouraged to add an embedded writing coach, who use a two-way texting app to connect and mentor students, nudge them to complete assignments, and serve as the go-to tutor for that course.

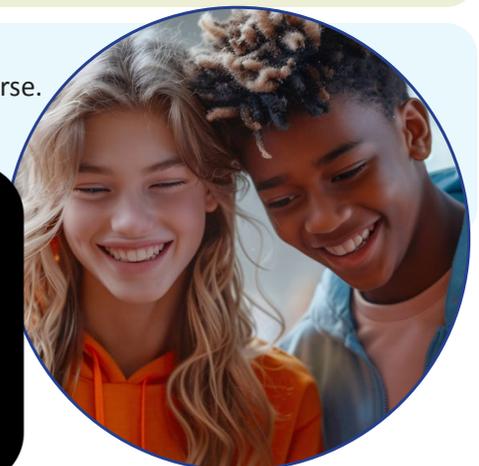
About 20 sections of English 1A currently use the writing coach and have seen increased student success for online English; we therefore plan to continue to scale up with additional grant funding from IEPI.

One of our new innovations is to **ensure all 8 week PACE English M01A courses have an embedded writing coach.**

Tutors in the Classroom is a simple and effective intervention, also showing increased success for English M01A. A tutor visits a classroom to give a brief orientation about the Tutoring and Learning Center, and the instructor then assigns a follow-up tutoring assignment. **We have about 10 sections participating this semester, Spring 2025**

Summer Bridge to English 1A workshop is a one-day workshop led by writing tutors for students with lower high school GPA to get ready for their first college English course. **About 20 students usually complete the workshop each summer**, and we have seen increased success for students who take advantage of this free workshop.

THE TUTORING AND LEARNING CENTER
MOORPARK COLLEGE TUTOR





COPs: COMMUNITIES OF PRACTICE FOR ENGLISH 1A

Peer-to-peer educator learning is becoming known as a highly effective best practice.

We have been meeting in COPs for several semesters where groups of faculty work to improve their courses with best practices, such as:

flexible grading

creating a sense of belonging

addressing changing student needs

aligning curriculum

using backwards design

project-based learning

and more!

COPs PROVIDE FACULTY WITH A SUPPORTIVE GROUP OF FELLOW EDUCATORS

- Read and discuss data-informed books about pedagogy.
- Integrate what they learn into their courses.

BUILDING NEW INNOVATIONS IN PARTNERSHIP

While we continue to streamline and scale up what we know is working, we are always open to more innovation!

For example, we are piloting a “One and Done” course this semester that combines 8 weeks of 1A with 8 weeks of 1B with the same instructor which also includes an embedded writing coach, and daily snacks!

We are meeting with our high school counterparts at the end of April to continue to align our community needs and increase our collaboration among our discipline in the local high schools.

We know that it is through community building, a commitment to excellence, and innovation with a spirit of empathy that we will continue to improve our students’ experience, skills, and success in English as students transfer and/or transition to careers after Moorpark College.



MARCH 2025 HAPPENINGS

So much happened in March we can only fit a few key events. Women's HERSTORY month brought wonderful events and guests to the campus, we celebrated the new Pride Center grand opening, Twelfth Night at the PAC, Classified Senate retreat and so much more.

