

# DON'T HOLD US BACK:

## The Impact of Remediation in Inland Empire Community Colleges



The insights of students into their lived experiences of remediation must shape how legislators and community college leaders make effective decisions about remedial education reform. To support equitable, student-informed decision-making, The Education Trust—West hosted five focus groups with Black and Latinx California Community College students to learn about their experiences in remedial courses and in transfer-level courses with corequisite support. Here we share students' perspectives on 1) the academic and social supports they found impactful, 2) how remedial courses and transfer-level courses with corequisites impacted their opinions of themselves and their campuses, and 3) improvements to remediation that would help more community college students graduate.

### Research Shows Transfer-Level Courses and Corequisite Support Improve Student Success More Than Remedial Courses

The focus group data are clear: remedial courses are ineffective at helping students earn degrees and transfer to four-year colleges in a timely way. This finding echoes prior research showing that **remedial courses, in fact, decrease students' ability to reach these educational milestones.**<sup>1,8</sup> Research also finds that students who start directly in transfer-level courses have the best chance of successfully completing English and math transfer-level courses compared to those who start in remedial courses.<sup>2</sup> Indeed, transfer-level courses offered with simultaneous corequisite support have been shown to *increase* completion of transfer-level courses for students who need additional assistance.<sup>3</sup>



## Glossary:

**Remedial Courses:** Preparatory reading, writing, and math courses that do not transfer to a four-year university. In math, these courses typically repeat K-12 content, sometimes as elementary as arithmetic.

**Transfer-Level Courses:** Courses that receive credit toward a baccalaureate degree upon transfer to a four-year university.

**Corequisite Models:** An alternative to traditional remedial prerequisites, corequisite models enable students to begin directly in a transfer-level course with additional support. Corequisite support typically involves added class hours, where the same instructor provides guidance, practice, and scaffolding to help students achieve the higher-level learning outcomes (e.g., review of foundational math concepts and skills in the context of statistics or precalculus).

Definitions adapted from [California Acceleration Project](#) and [Public Advocates](#) in their 2020 report *“Still Getting There: How California’s AB 705 is (and is not) Transforming Community College Remediation and What Needs to Come Next.”*<sup>8</sup>

## Prevalence of Remediation in the Inland Empire Area:<sup>4</sup>

### Access to Transfer-Level Courses:

- ▶ In recent years, Inland Empire community colleges have increased access to transfer-level courses. Most Inland Empire community colleges —11 out of 12— provide “higher access” (91% or higher) or “medium access” (between 68% and 91%) to transfer-level courses (Fall 2020).<sup>5</sup>

### Remedial Course Enrollment:

- ▶ Is it important to note that, unfortunately, a college can both facilitate high access to transfer-level courses and still trap students in remedial courses.
- ▶ Transfer-level course-taking varies widely based on the Inland Empire community college students attend. Between 10% and 28% of first-time math students started in remedial courses at Inland Empire community colleges in colleges with “medium access” to transfer-level courses.<sup>5</sup>
- ▶ In comparison, at Inland Empire community colleges with “higher access” to transfer-level courses, less than 9% of first-time math students started in remedial courses at (Fall 2020).<sup>5</sup>

### Completion of Transfer-Level Courses for Black and Latinx Students:

- ▶ While completion rates for Black and Latinx students in transfer-level courses have increased in Inland Empire community colleges since the passage of AB 705, the percentage of these students completing transfer-level courses are still notably low.<sup>6</sup> Inland Empire community colleges must tackle the systemic racism of excluding Black and Latinx students from opportunities; examine how instructor-level data impact success outcomes of Black and Latinx students; design curricula and pedagogy that engage and promote successful outcomes for Black and Latinx students; and provide holistic supports that will help Black and Latinx students thrive.

#### Black students:

Pre-AB 705 (2016-2017), **2% of all Black first-year students** enrolled in both transfer-level math and English completed those courses.<sup>6</sup>

Post-AB 705 (2020-2021) **8% of all Black first-year students** enrolled in both transfer-level math and English completed those courses.<sup>6</sup>

#### Latinx students:

Pre-AB 705 (2016-2017) **4% of all Latinx first-year students** enrolled in both transfer-level math and English completed those courses.<sup>6</sup>

Post-AB 705 (2020-2021), **13% of all Latinx first-year students** enrolled in both transfer-level math and English completed those courses.<sup>6</sup>



## What students are saying:

Students reported that remedial courses cost them additional money, negatively impacted their mental health and academic confidence, and delayed their degree completion and transfer goal. What's more, they reported that it threatened their ability to graduate. In contrast, students reported greatly appreciating opportunities that corequisite courses provided for individualized support from faculty, additional student supports, gaining study skills, and receiving credit for their efforts. While they generally had positive experiences in corequisite classes, the students we spoke to were presented with limited corequisite course offerings and desired more virtual or online opportunities.

### Remedial courses impact students time-to-degree and transferring

“... requires students to take remedial classes to catch up to other students, but these courses typically don't count towards student degrees compared to transfer-level courses. I suggest [that] students save time and money by avoiding remedial classes and focusing on classes that count towards your degree.”

—Michael

### Students recommend co-requisites in transfer-level courses

“[recommend] accelerated learning models, academic service, technology mediated support necessary for students in community colleges and beyond. Certainly recommend co-requisites.”

—James

### Positive impact of co-requisites in transfer-level courses

“corequisite course supported me in one way or another during my stay at [community college name] ...[corequisite classes] were kind of the best thing I needed in my academics.”

—James

“...designed to fill a couple gaps between students... [corequisites] support you in terms of core skills... they made me more enlightened on certain reasons to stick to the college.”

—James

“It will increase your confidence in various fields because you're going to be able to do it... I would encourage other students to take part in those corequisite classes... those classes center around the confidence [of students]... and under corequisite classes you have academic support services. Aside from that, you also have technology mediated support. All these are very necessary for the students in the CCC and even beyond.”

—Gary

To ensure confidentiality, each participant has been given a pseudonym (a name other than their real name).

## Concurrent Support in Transfer-Level Courses:

- ▶ Inland Empire community colleges need to do more to encourage and enable their students to enroll in and complete transfer-level courses. So long as they continue to enroll them in remedial courses, community colleges decrease their students' likelihood of completion. Instead, they should provide students with concurrent support in transfer-level courses. Latinx and Black students in math corequisite models are three times more likely to successfully complete a transfer-level course compared to starting in a remedial course.<sup>5</sup>
- ▶ Inland Empire community colleges should increase the number of transfer-level math courses with corequisite supports. In fall 2020, only 16% of first-time math students started in corequisite models at Inland Empire community colleges.<sup>5</sup>

## Bright Spot:

- ▶ Victor Valley College is an Inland Empire bright spot. In fall 2020, 100% of all students started in transfer-level math courses and 61% of all students started in corequisite models in transfer-level math courses.<sup>7</sup>



## Recommendations:

The Legislature, the Governor, the California Community College Chancellor's Office (CCCCO), and campus leaders have the ability — and responsibility — to take actions that ensure California forever removes the unnecessary hurdle of remediation from students' college experiences. The Education Trust-West recommends that:

- ▶ **California must implement Assembly Bill 1705 (Irwin).** AB 1705 seeks to strengthen AB 705 by clarifying the law's intent to ensure students are directly enrolled in transfer-level courses, thereby maximizing the probability of a student completing transfer-level math and English course within one year to achieve their degree and transfer goals.
- ▶ **Campus leaders utilize the \$64 million California Budget investment (Equitable Placement and Completion Grant Program) to support the implementation of equitable placement and completion policies (AB 705 Chapter 745, Statutes of 2017) and expand high-impact corequisites that support student success in transfer-level coursework.** Specifically, in order to support student success, campuses should offer corequisites that provide embedded tutors, a culturally-affirming instructional approach, and a sense of belonging. The corequisites should validate and affirm students' experiences and leverage equity-minded pedagogy, policies, and grading to meet the diverse needs of students. Campus leaders should also explore corequisite models that include a low number of units, a low number of hours, or zero-unit options.

## Endnotes:

1. Center for the Analysis of Postsecondary Readiness. A Brief History of Developmental Education Reform. Retrieved from: <https://postsecondaryreadiness.org/research/history-developmental-education-reform/>.
2. The RP Group. Multiple Measures Assessment Project (MMAP) Summary of Methodology for English and Math Phase II Rule Sets and AB 705 Adjustments. Retrieved from: <https://rpgroup.org/Portals/0/Documents/Projects/MultipleMeasures/Publications/MMAPInfographicWebVersion.pdf>.
3. For instance, students with a Grade Point Average of less than 2.3 receiving corequisite support in a transfer-level course are five times more likely to complete transferable statistics than their peers placed one level below transfer level (45% vs. 8%). Retrieved from: <https://collegecampaign.org/wp-content/uploads/2019/12/Getting-There-II-FINAL.pdf>.
4. Cal Pass Plus LaunchBoard Region Explanation. The California Community Colleges regions were broken down using the seven macroregions identified for the California Community Colleges Chancellor's Office. They include: Bay Area, Central Valley-Mother Lode, Inland Empire-Desert, Los Angeles-Orange County, North-Far North, San Diego-Imperial, and South Central Coast. Retrieved from: <https://www.calpassplus.org/CalPassPlus2.0/Media/Launchboard/region-explanation.pdf>.
5. Public Policy Institute of California. (2021). Community College Math in California's New Era of Student Access. Retrieved from: <https://www.ppic.org/wp-content/uploads/1221mmr-appendix.pdf>.
6. California Community Colleges Chancellor's Office. Cal-PASS Plus Student Success Metrics Cohort View. Retrieved from: <https://www.calpassplus.org/Launchboard/Student-Success-Metrics-Cohort-View>
7. The Education Trust—West. (2021). Mapping the Equitable Implementation of AB 705. Retrieved from: <https://west.edtrust.org/mapping-the-equitable-implementation-of-ab-705>
8. Hern, K., Snell, M., and Henson, L. (2020). Still Getting There: How California's AB 705 Is (and Is Not) Transforming Remediation and What Needs to Come Next. Sacramento, CA: Public Advocates. Retrieved from: [https://accelerationproject.org/Portals/0/Documents/Still\\_Getting\\_There\\_Final.pdf](https://accelerationproject.org/Portals/0/Documents/Still_Getting_There_Final.pdf)

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