

**ACADEMIC SENATE
OF
THE CALIFORNIA STATE UNIVERSITY**

AS-3411-20/APEP (Rev)
May 7-8, 2020

**ADVISING HIGH SCHOOL JUNIORS INTENDING TO ENROLL IN THE
CALIFORNIA STATE UNIVERSITY (CSU) TO ENROLL IN A MATHEMATICS-
REINFORCING COURSE IN THEIR SENIOR YEAR**

RESOLVED: That the Academic Senate of the California State University (ASCSU) maintains that taking a course in the senior year that reinforces appropriate quantitative reasoning skills will significantly enhance the college and career academic preparation of high school students and the likelihood of success in their studies at the CSU, as well as increase access to an expanded breadth of majors; and be it further

RESOLVED: That the ASCSU request the California State University increase messaging to high school juniors, their parents, guardians, and their counselors to strongly encourage these students to take such a course in their senior year; and be it further

RESOLVED: That the ASCSU distribute this resolution to the CSU Board of Trustees, CSU Admissions Advisory Council, California State Student Association (CSSA), CSU Executive Vice Chancellor for Academic and Student Affairs, California College Guidance Initiative (CCGI), and the California Department of Education.

***RATIONALE:** In 2016 the Quantitative Reasoning Task Force (QRTF) released its final report, which included the call for high school students to take a rigorous quantitative reasoning course in their senior year. The ASCSU has endorsed that recommendation on several occasions. ([AS-3244-16/APEP \[Rev\] "Support for Requiring a Fourth Year of Mathematics/Quantitative Reasoning for Admission to the California State University"](#). [Approved, March 2016]; [AS-3253-16/APEP "Call for a Center for Advancement of Instruction in Mathematics"](#). [Unanimously Approved, May 2016]; [AS-3265-16/APEP Implementation of Quantitative Reasoning Task Force \[QRTF\] Recommendations that Reflect Items Previously Approved by the Academic Senate"](#). [Approved, September 2016]; [AS-3270-16/APEP \[Rev\] "Implementation of Quantitative Reasoning Task Force \[QRTF\] Recommendations"](#). [Approved without Dissent, November 2016];*

[AS-3308-17/APEP \[Rev\] "Standards for Quantitative Reasoning"](#) [Unanimously Approved, November 2017]; [AS-3377-19/APEP \[Rev\] Recommending a Four-Year Mathematics/Quantitative Reasoning Requirement for Freshman Admission to the California State University: Toward a Responsible And Responsive Policy](#) [Approved, May 2019]; the [Quantitative Reasoning Task Force Final Report](#) itself, which was released in September 2016)

The CSU Board of Trustees signaled in January 2020 that the CSU would be moving to implement a 4th year of quantitative reasoning as an admission requirement by 2027. This resolution called for immediately stepping up the messaging to juniors about the importance of a 4th year quantitative reasoning course in their senior year. Associated with that call was the call to identify appropriate existing courses as well as to complete development and dissemination of new ones. Evidence from across California and around the country demonstrates that students who take such a course in the senior year are significantly more likely to persist until graduation and graduate with degrees in high-demand majors with quantitative content. Much of this evidence has been collected and referenced in both the QRTF final report and the materials presented to the CSU Board of Trustees at several meetings in 2019 and 2020, and in particular, that 99.7% of California public high schools currently provide at least one qualifying course:

<https://www2.calstate.edu/cs-system/board-of-trustees/past-meetings/2020/Documents/jan-28-29-ED-POL.pdf>.

Additional outreach and messaging to students, parents, teachers, counselors, and administrators now will improve the college and career preparation of all students.

Approved - May 7-8, 2020