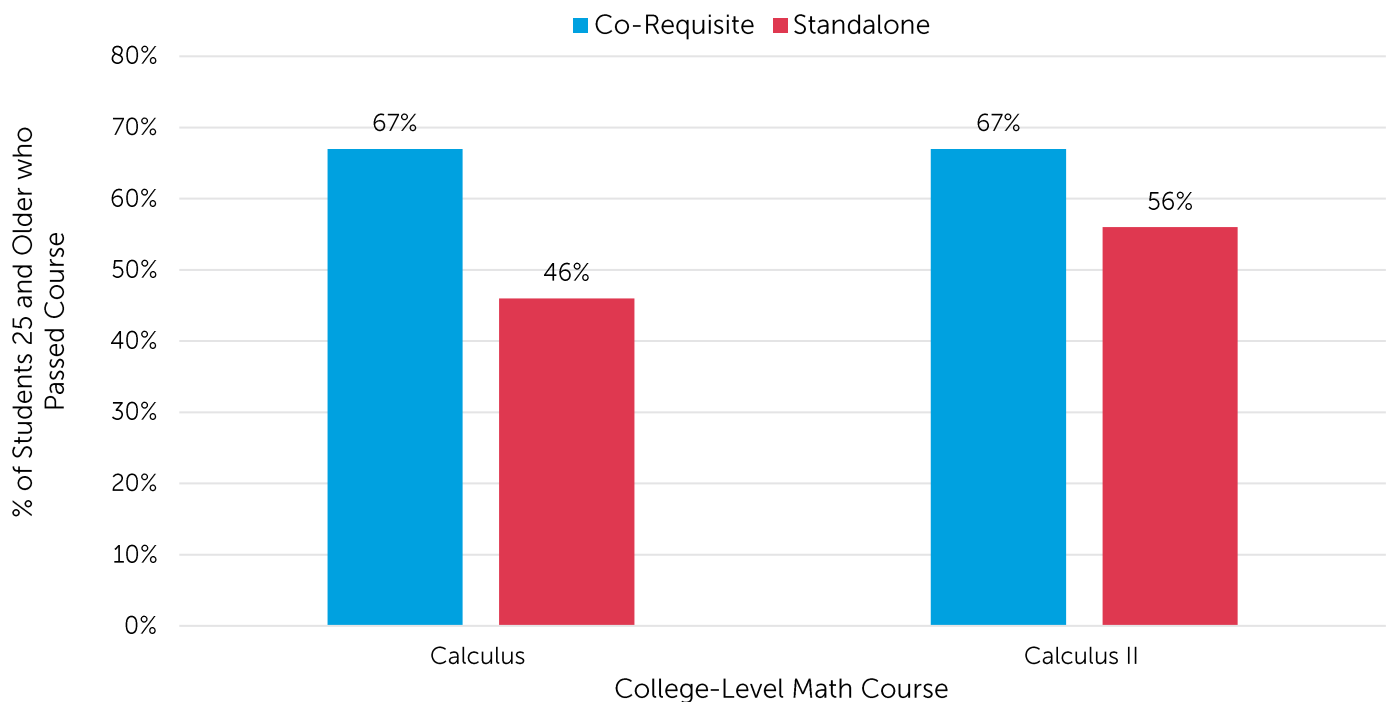


Returning Adult Students in Co-requisite Calculus

Returning adult students at the University of Cincinnati did better in co-requisite calculus courses than in standalone courses.



Source: Moena, R. & Marshall, A. (2020, April). [A new approach to mathematics: Increased success rates for ALL students at the University of Cincinnati](#) (Steps to Success series). Denver, CO: Strong Start to Finish, Education Commission of the States. Notes: The data used to create this chart came from Table 3 of the report. Pass rate is defined as the percentage of students earning a grade of C or above.

In the fall of 2017, the University of Cincinnati (UC) began offering co-requisite math courses to its students. The co-requisite courses included not only College Algebra, but also Precalculus, Calculus, Calculus II, and Applied Calculus. As noted in the April 22nd Points of Interest, most student groups at UC experienced higher pass rates in the co-requisite course than in the standalone course. A similar result was observed in returning adult students for two of the math courses.

From fall of 2017 to spring of 2019, students 25 and older did better in co-requisite Calculus and Calculus II courses than in the standalone counterparts. In Calculus, co-requisite students saw a 21 percentage point increase in their pass rate, while in Calculus II, there was an 11 percentage point jump. This Points of Interest shows that returning adult students at UC did better in co-requisite calculus courses than students in the standalone math courses.

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