

Lindsey Cutright and Amanda Smith Dept of Computer Science and Mathematics, Fairmont State University, Fairmont, WV, 26554, and Erica Harvey, Dept of Natural Sciences, Fairmont State University, Fairmont, WV, 26554. Integrating co-requisite math for STEM student success and the impact of the COVID-19 pandemic

Gateway math courses can be a major hurdle for students to get over in order to continue on with their majors, especially STEM majors. Previously, students could have taken up to four semesters of remedial math before being able to place into the first gateway math course needed for their major. With Math Support, students no longer have to take those remedial courses; the remediation is built in to the course in addition to the regular level content. These co-requisite courses allow students to start into their major courses much sooner than in the past, therefore allowing them to stay on track in their major and finish successfully.

Developmental math courses have been replaced with co-requisite and accelerated learning models. All students can now progress through gateway courses within their first year, regardless of test scores. Gateway courses are offered with additional support to aid students in learning and understanding and fill in any gaps. Fairmont State was one the first colleges in WV to offer these services at full-scale. Attendees will be given an overview of Math Support at Fairmont State and how we have adapted our course to meet the changing needs of students as a result of the COVID-19 pandemic. More data will be reported.