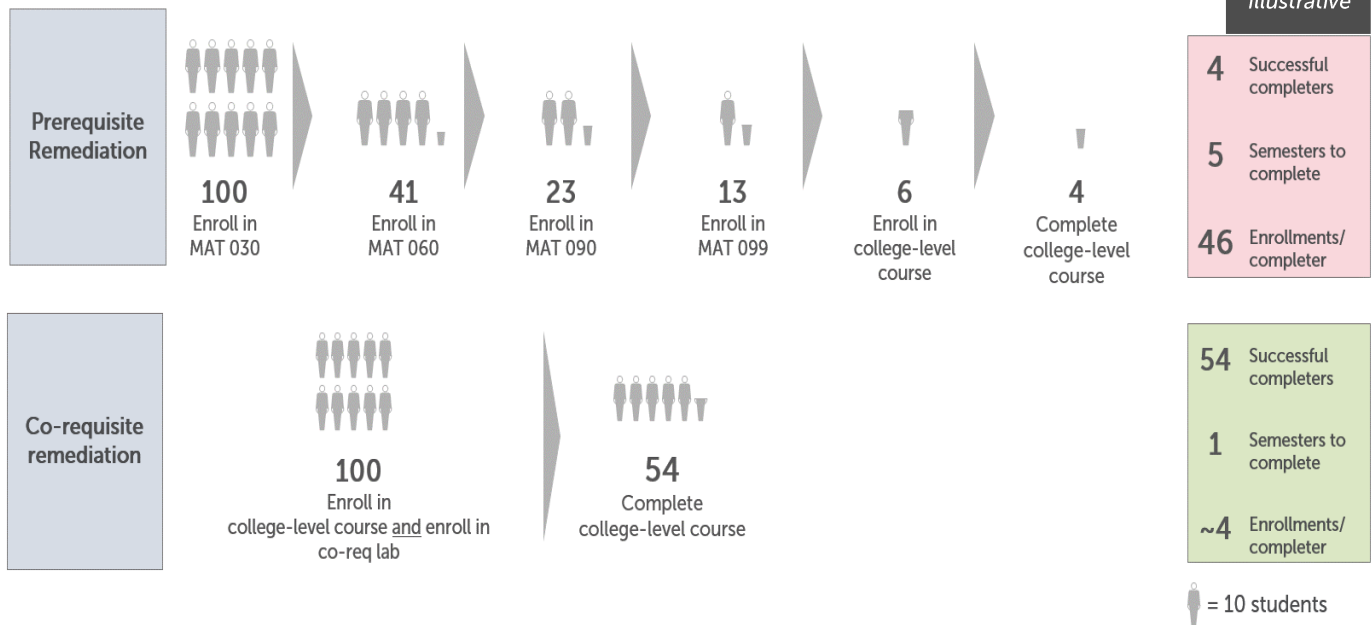


Compressing the Sequence

Co-requisite remediation increases completion and improves efficiency



1. Co-requisite labs for college level courses are differentiated by pathway (STEM vs. non-STEM). Note: Successful student progression through the course sequence is based on actual course performance rates (excluding high school concurrent and consortium students). In each graphic, college-level course completion includes average completion rate across all gateway courses (MAT103, MAT107, MAT108, MAT120, MAT121, MAT123, MAT135). Source: Community College of Denver; BCG analysis.

The traditional developmental education sequence illustrated above resembles that at many institutions—the very institutions whose hard work fails to be reflected in their course outcomes. At the Community College of Denver, a mindfully designed developmental education co-requisite lab and gateway course curricula are paired to offer just-in-time support, offering students opportunities to address questions about content in the gateway course as they need it. Labs are scheduled immediately prior to the content course, enabling students to address questions on prior material before they receive instruction on new content. The result is a reduction in the number of semesters to complete a gateway course for most students. After CCD implemented co-requisite remediation at scale, 54 students of 100 completed the course in one semester, contrasted to the traditional approach in which where only 5 students of 100 completed their gateway course after five semesters of developmental coursework and one semester of their gateway. Aside from the clear benefit to the student, CCD experienced a sharp decline in the number of enrollments required per course completions: from 46 to 4.

This information was collaboratively developed by the Boston Consulting Group (BCG), Community College of Denver and Strong Start to Finish. For more information, contact either Renee Laverdiere, Boston Consulting Group, at Laverdiere.Renee@bcg.com; Rhonda Epper, Community College of Denver, Rhonda.Epper@ccd.edu; Heidi Loshbaugh, Community College of Denver, at Heidi.Loshbaugh@ccd.edu; or Christopher M. Mullin, Strong Start to Finish, at cmullin@strongstart.org

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