Implementing Co-Requisite English and Mathematics at Lorain County Community College

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• An internal research study identified the three indicators most predictive of success: College-level credit completion in the first year; Completion of college-level Math in the first year; and Completion of college-level English in the first year.

80% of LCCC students that complete
- college-level English and
- college-level Math and
- 15 or more college-level credits
  in their first year

earn an LCCC degree or certificate or a bachelor’s degree
  within six years
Co-requisite English at Lorain County Community College

The Original English Sequence

- ENGL 011
- ENGL 012
- ENGL 161

- 86% of students who passed ENGL 012 with a C or higher earned a C or higher in ENGL 161 in a subsequent semester.
- Less than 50% of the ENGL 012 students passed the course.
We created a pilot of the ALP program with slightly different characteristics.

- 2 credit hours for the co-req course instead of 3 credit hours
- 10 students per co-req section instead of 8 students
- 25 total students in the paired ENGL 161 instead of 20 students

The pilot was very successful. We initially placed all students who had tested into ENGL 012 into ENGL 061 (our co-req course).
When our initial pilot went to scale, 83% of the ENGL 061 students passed both ENGL 061 and ENGL 161.

We lowered our cut scores and placed a percentage of the ENGL 011 students into ENGL 061 as well.
Completion of college-level English in the first year

- Increased 18 points over past eight years
- Increases were even larger for African American students (33 points) and Hispanic/Latino students (20 points)
- Gap between Pell and non-Pell students narrowed by 16 points and has closed to within one point
Lessons:

- Account for large increases in sections offered and staffing needs.
- Provide reassigned time for development of course materials.
- Advising and proper placement.
- Allow faculty to be creative and build content that supports the students you serve.
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Results/Next Steps:

- Evaluate and track effectiveness.
- Scale best practices such as adaptive technology.

Lorain County Community College implemented co-requisite courses paired with all sections of Quantitative Reasoning and Statistics fall 2019. Pedagogical enhancements include an adaptive courseware pilot and OER materials for the co-requisite courses.