

1125-VQ-699 **Alison Reddy*** (ared@illinois.edu), 1409 W. Green Street, Department of Mathematics,
Urbana, IL 61801. *Corequisite Remediation in a College Algebra Course: Embracing Complete
College America.*

At the University of Illinois ALL students scoring below 65 on the placement exam are placed, by default, into College Algebra. Thus students enter the course with very diverse mathematical needs and background knowledge ranging from beginning algebra to almost precalculus, and the majority of College Algebra students are first generation or underrepresented minorities.

The challenge and goal was to embrace Complete College America's call by implementing corequisite remediation to maximize student outcomes within the context of a single course. College Algebra was redesigned to two 50-minute large lectures and one small lab section per week with heavy use of technology for learning and practice outside of class, and course communication.

The redesign has been very successful in meeting the individual needs of all the students and we have seen improved success rates and student satisfaction, and increased pathways to graduation. Collected data will be shared. (Received September 09, 2016)