

High School-College Interface

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Higher Ed Action

- Elimination of Intermediate Algebra as a prerequisite for college level courses achieved
- Transferable pathways and co-requisite courses implemented
 - Statistics
 - Quantitative Reasoning
 - Algebra-Calculus

High School Action

- College Credit Plus courses widely taught
 - By college-accredited high school teachers
 - By college faculty in schools or on campus
 - (Online)

Completion Agenda Objective

- All students to have a pathway to completion of major-appropriate “gateway” college course during their freshman year
- Achievable for statistics and QR pathways
- More challenging for STEM-Business pathway

Issues to Address

- Placement
 - Standard tools focus on placement into algebra courses
 - Alternative approaches may be worthwhile for students entering statistics or QR pathway
 - Alternative remediation free standards for such students?

Issues to Address

- Transition from high school to college
- Proposal for transition courses
- Possible model for pipeline to non-STEM majors: prep for QR/Statistics as a junior or senior year course
 - Change attitudes
 - Promote “productive persistence”
 - Reboot to encourage more STEM majors