



FOOTHILL
COLLEGE

Math AB705 Update

Ram Subramaniam

12345 El Monte Road
Los Altos Hills, CA 94022

foothill.edu

Foothill College, 12345 El Monte Road, Los Altos Hills, CA 94022 | foothill.edu



AB 705 & Math

- Four Math faculty members and dean attended the CAP workshop on co-requisite remediation on 2/9/2018
- Math department retreat on 4/13/2018 (FT and PT math faculty, counselors, facilitators, dean)
- Retreat Outcomes:
 - Eliminate arithmetic and elementary algebra classes
 - New 2.5 unit credit co-requisite developed and approved for pre-calculus 1
 - No enforcement of pre-requisite for Statistics
 - Developed and approved Quantway curriculum as an optional pre-college class to be used to meet Associate degree requirement
 - Decrease offerings of Intermediate Algebra
 - Develop a Community of Practice for pre-calculus and statistics instructors
 - Embedded tutors (peer or Supplemental Instructors) in all sections of statistics and pre-calculus
 - Curriculum approval in the spring quarter of 2018
 - Full implementation of all changes in Fall 2018
 - Share information with departments using elementary and intermediate algebra as pre-requisites (chemistry, engineering, economics, allied health)

Outcomes of Math AB 705 Implementation

- Placement: who is in the co-requisite class?
- Placement: who should enroll in Quantway, Statway, Statistics?
- Overall increase in access to college-level classes
- Increase in number of Latinx students in statistics and pre-calculus
- Not enough data on African American students
- Student success in statistics and pre-calculus is comparable to previous years
- More Latinx students succeeded
- Disproportionate impact exists and continues to exist
- Higher GPA students are benefiting from embedded tutoring
- No differences in effects of tutoring by peers vs. supplemental instructors
- Overall decline in enrollment