

AB 705 Math Department Update

Fall 2020

Implementation

- Spring 2018
 - What? AB 705!
 - Created a Self-guided Placement with the SSSP Committee using multiple measures that included Accuplacer.
 - Learned Accuplacer could no longer be used. Adjusted the Self-guided Placement.
- Fall 2018 & Spring 2019
 - Developed Math 096 Beginning and Intermediate Algebra to give students a quicker pathway to transfer-level math that is within the two semester timeline allowed.
 - Developed Math 141 Business Calculus to provide an alternative transfer-level course than Statistics or College Algebra.
 - Modified the curriculum for Math 601 Independent Lab (ALEKS lab) to support students at all remediation math levels.
 - Continued receiving new information regarding AB 705 from the Chancellor's Memos and Academic Senate memos and presentations

Implementation

- Fall 2019 & Spring 2020
 - All colleges are required to be in compliance with AB 705.
 - Reduced the number of remediation courses (Math 942, 952, 962, 090, 095). Only Math 095 & Math 096 (First time offered) is being offered with the exception of a few sections of Math 962.
 - Experimenting with co-requisite model with paired sections of Math 102 & Math 601 and Math 108 & Math 601.
 - Developed curriculum for two noncredit support courses: Math 602 Support for College Algebra and Math 608 Support for Statistics. Courses to be used in a co-requisite model.
 - Created a Math Resource Course on Canvas which was developed using OER. Students can independently study various arithmetic and algebra topics.
 - Began a Community of Practice for College Algebra and Statistics.
 - Revised self-guided placement; Online version was developed by SSSP Committee.
 - Created Math Directed Learning Activities.

Implementation

- Fall 2020
 - Sections of college algebra with co-requisite (Math 102 & Math 602)
 - Sections of Statistics with co-requisite (Math 108 & Math 608)

Is the Implementation Working?

- More students are passing transfer-level math courses.
- Success rates are low. (Preliminary Analysis Of AB 705 Compliance, Implementation, Student Success, and Student Retention: 2019 - 2020)

Action

- Enhance Math 602 & Math 608 support courses
 - Work-out the kinks
 - Finish workbooks for support courses and map workbook that support the main textbook in the parent course (102 or 108).
 - Continue the Community of Practice for College Algebra and Statistics.
- Improve student awareness, especially those students who need the support.
- Transfer course Math 115 Ideas of Math
 - Align with Math 1101 at CSUSB
- Increase the number of 8-week courses for Math 102 & Math 103, a quicker pathway to Calculus for STEM students.
- Encourage students that are struggling or dropped mid-semester to enroll in Math 601 “ALEKS Lab”.
- Utilize embedded tutors in partnership with Academic Success Centers.

How can Academic Senate help?

- Professional development
 - Funding for faculty training or conferences
- Computer lab space for Math 601 “ALEKS Lab”
- Reassign time (0.267) for a math faculty to focus on continuing efforts to support the implementation of AB 705.

Questions?

Thank you.